

Iryna A

Fullstack Developer

11+ years of experience in JavaScript/HTML/CSS development. Have experience in creating single-page cross-browser responsive/adaptive applications as well as Progressive Web Applications. Worked on Performance improvements for several projects. Have a solid UI/UX understanding. Created multiple hybrid mobile apps. Have experience implementing DevOps practices with AWS and CI/CD with Jenkins/Bitbucket pipelines.

3 years of experience in Project Management and Team Leading. Made a full Project Life Cycle, estimations, Project Architecture, and Project Management.

Key Skills

Mobile development:

- Experience in using frameworks and libraries: Flutter
- Comprehensive experience in JavaScript Mobile libraries: Ionic, PhoneGap, jQuery Mobile
- Broad knowledge of patterns: Block Architecture Pattern

Frontend development:

- Professional experience JavaScript ES6-10, TypeScript
- Extensive experience in JavaScript Frameworks: React.js, Angular.js, Next.js
- Broad expertise in JavaScript Libraries: Backbone, jQuery, Mootools, Handlebars, Underscore, Redux, Redux Saga, Redux Thunk, Rx.js, Moment, ngrx, NgRx, mobx
- Strong experience in HTML5, CSS3, LESS/Sass/Scss
- Comprehensive experience in SVG/Canvas: D3.js, Chart.js, SVG animations (SMIL)
- Wide experience in customizing CSS Frameworks: Bootstrap, Angular Material, Material UI, AntDesign, Tiptap, Tailwind
- Good knowledge of API: GraphQL including Apollo, WebRTC
- Great experience in Frontend management/deployment: Bower, Grunt, Gulp, Webpack
- Comprehensive experience in Testing: Karma, Chai, Mocha, Jasmine, Protractor, Nightwatch, Codecept.js, Webdriver, Playwright

Backend & DevOps development:

- Practical experience in Java, JavaFX, Node.js
- Practical experience with implementation of Voice and video calls, PDFKit, CSV
- Expertise in databases: MongoDB, Firebase, SQLite, DynamoDB, Knack DB
- Hands-on experience with software tools for infrastructure: Terraform, SonarQube
- Knowledge in CI/CD: Jenkins, Bitbucket pipelines
- Practical experience with AWS: Lambda, S3, API Gateway, Cloudwatch, Route 53, IAM, EC2, Cognito, Polly
- Broad knowledge of mail API: Twilio Conversations

Operating Systems: Linux, Windows, Mac

Development Environments and Tools: Jira, Trello, Adobe Photoshop, Figma, Adobe Illustrator and CorelDRAW

Source Control: SVN, Git, GitLab

Software Development Methodologies: Agile: Scrum, Kanban; Waterfall

English level: B2

Professional Experience (01.2014 – present)

Scriaber

Scriaber is a comprehensive text editor packed with a myriad of advanced features. It seamlessly integrates the functionality of popular text editing and note-taking platforms such as Notion and Google Docs, providing users with a robust and versatile tool for all their textual needs. From note-taking and document drafting to more complex tasks like collaborative editing and organization, Scriaber offers a one-stop solution for all. Newly added features include the ability to work with references seamlessly within your documents, enhancing your research and writing process. Additionally, Scriaber now allows you to save new materials to your personal library. The new AI assistant chat feature lets you interact with the AI while working on your document, offering real-time suggestions, insights, and support as you write, making your workflow even more efficient.

Technologies: TypeScript, React, Websocket, Tailwind, AntDesign, Tiptap

Responsibilities:

- Frontend development
- Solution Architect
- Bug fixing
- Code review
- Manual testing
- Implementation of new features

Completed tasks:

- Created strategic design: domain decomposition and constructing context map, business logic design patterns, technical design patterns, data and metadata modeling patterns, integration strategy, platform governance
- Redesigned existing pages to enhance user experience and visual consistency
- Developed new pages to support and showcase additional features
- Created custom components with and without AntDesign to meet specific design and functionality requirements
- Built a text editor using Tiptap to enable rich-text editing capabilities
- Implemented custom extensions for the Tiptap editor, allowing advanced editing functions and tailored user interactions

Productivity app

Procrastify is a revolutionary tool designed to assist individuals in setting deadlines for any task they need to accomplish. It provides a unique platform that allows users to commit to their tasks on an unprecedented level, thereby promoting productivity and efficiency. The principle behind Procrastify is leveraging the fear of financial loss as a source of motivation. The system is set up in such a way that if a task is not completed within the stipulated time, there is a financial consequence. This creates a compelling incentive to complete the task, making Procrastify a highly effective tool in combating procrastination and fostering a proactive approach to task completion.

Technologies: flutter, flutter bloc

Responsibilities:

- Team leading
- Solution Architect

- Manual testing
- Deployment
- Writing documentation

Completed tasks:

- Assessed the current state of the digital platform, including data management maturity and technical profiling
- Conducted architecture and code reviews, along with infrastructure, data, and performance profiling
- Evaluated CI/CD processes and observability capabilities
- Participated in customer meetings, proposing new ideas
- Established authentication with external providers (Google and Apple)
- Wrote application documentation
- Created and integrated new features

Bitcoin & Cryptocurrency Trading Platform

The project aims to build smart trading automation tools like crypto trading bots for their cryptocurrency trading platform. Crypto trading bots are a tool that allows users to make buying and selling processes automatically, easily, and effectively. There is a demo mode with the help of which clients can try to use and test the platform and bots and learn how to provide sale-purchase. Moreover, there are plenty of currency pairs and more than 15 exchange houses with what the platform allows to trade on. It does not matter whether experienced traders or not, from what country they are. The platform makes trading cryptocurrencies simple, profitable, and stress-free and supports about 7 languages.

Technologies: HTML5/CSS3/TypeScript, React.js, mobx, Material UI, Next.js, Websocket, SCSS, Playwright, Bitbucket pipelines, SVG animations (SMIL), Figma

Responsibilities:

- Team leading
- Frontend development
- New features development
- Bug fixing
- Existing functionality improvement

Completed tasks:

- Updated functionality of all notifications
- Technology-, engineering-, architecture consulting
- Developed an Arbitrage tool and Arbitration History Mobile Page to track price differences and provide users with information that shows where the price is lower in the market to buy currencies and where users can make a profit by selling where the price is higher
- Created mobile signals page to analyze Crypto changes in the market every second to identify the best trading opportunities
- Updated the UI of the futures bot table
- Implemented a selection of 20 analytics data by given parameters
- Created product tour for futures trading for a growing number of users, (added 4 languages)
- After all these features and improvements the platform became widely recognized and took the 1-st place as a cryptocurrency trading bot in 2020 according to a big online media publisher

The platform for brokers & operators

The platform is a solution that brings together private jet operators and brokers looking to book flights in one place. With this platform, private jet operators can easily connect with brokers and offer their services. Additionally, brokers can search for available private jet operators and book flights for their clients through

the platform. The platform provides a user-friendly interface that simplifies the booking process, making it more efficient for both private jet operators and brokers. Whether users are private jet operators or a broker, the platform is the perfect solution to streamline users' flight booking process and achieve users' business goals.

Technologies: TypeScript, React.js, Knack DB, AWS s3, AWS lambda, AWS api gateway, Twilio

Responsibilities:

- Tech Lead
- Frontend development
- Provide documentation
- Code refactoring

Completed tasks:

- Implemented Twilio chat, fully created Twilio conversation
- Participated from scratch: pre-sale activities and initial discovery, clarifying requirements, and working out strategy (including MVP plan - phase 1, roll-out plan - phase 2, feature extension and maturing + data governance capabilities - phase 3)
- Created MVP design and execution supervision
- Developed company's library with components from scratch
- Created the application from scratch
- Took part in demo, daily & retrospective calls

Spreadsheets Editor

SCell is a spreadsheet editor with core on Java, that can be used in 3 different ways: as core API without UI, as a standalone desktop app, and as an embedding component (JavaFX or Web). In our decisions, we based on OpenDocument technical specifications to ensure compatibility with main spreadsheet editors such as MS Excel, Google Spreadsheet, WPS Office, etc.

Technologies: HTML5/CSS3/JavaScript/TypeScript, React.js, Redux, Redux Saga, Redux Thunk, Java, JavaFX, Rx.js, Moment, jQuery, Webpack, Jenkins, Codecept.js, Webdriver

Responsibilities:

- Frontend development
- Developing app and components POC
- Landing page design and development on the Wix platform
- Investigation
- Creating mock-ups
- Making UI/UX decisions
- Updating UI styles and layout on JavaFX

Completed tasks:

- Supported and processed formulas in the frontend part
- Implemented support for 11 key data formats in SCell, including number, date, time, percentage, currency, and others
- Developed three levels of UI customization for embedding the editor as a ready-to-use component: custom themes, fully custom styles, and custom layouts for specific elements
- Built the web version using React, while designing the core logic to be easily extracted into pure JavaScript for future integrations with frameworks like Angular, Vue, or others

Application for managing routine tasks

This application is designed to help you manage your daily tasks with ease and efficiency. Whether it's keeping track of your work, personal, or household tasks, this app has got you covered. With a simple and intuitive interface, you can quickly add new tasks, set due dates, and prioritize them according to their importance. Additionally, you can also create custom categories to organize your tasks and set reminders to help you stay on track. Furthermore, the app also offers a progress tracker to help you monitor your productivity and track your accomplishments. Overall, this application is an excellent tool for anyone looking to streamline their daily routine and increase their productivity.

Technologies: Flutter, Firebase, Block Architecture Pattern, SQLite

Responsibilities:

- Flutter Development
- Supporting existing functionality
- UX/UI Design and Development
- Leading the team

Completed tasks:

- Implemented the Flutter version of the app
- Created business logic
- Added new app modules
- Developed process planning

Portal to automate daily property management deliverables

Portal to automate day-to-day property management deliverables like invoice processing, minute tasking, project management, records management, etc. Application has different roles of users to make processes easy for everyone: tenants, managers, brokerages, and store all data in one place.

Technologies: Angular 8, TypeScript, Angular Material, GraphQL (Apollo), Grunt, Figma, HTML5/CSS3/JavaScript

Responsibilities:

- Frontend development
- Features implementation
- Creating mock-ups
- Making UI/UX decisions

Completed tasks:

- Created a portal to automate day-to-day property management tasks such as invoice processing, task management, project management, and records management
- Developed a role-based access system within the application to simplify processes for different users, including tenants, managers, and brokerages, while centralizing all data in one place
- Created a multiplatform exploitation app

ChildBooks app admin panel

Our platform offers a comprehensive Web Admin Panel designed to provide e-learning materials for children of all ages. Our panel is equipped with advanced features that make it easy for both teachers and students to navigate and access the vast repository of learning resources available. Here, children can learn a variety of subjects such as mathematics, science, and language arts, all in one place. Our team of expert educators has worked tirelessly to curate and develop a curriculum that is both engaging and effective, ensuring that children get the most out of their learning experience. Additionally, our platform is updated regularly with new content, so children always have access to the latest and most relevant learning materials.

Technologies: HTML5/Less, JavaScript, React.js, Bootstrap, Terraform, Node.js, Figma

Responsibilities:

- Frontend development
- Backend development (bug fixing)
- Features implementation
- Code optimization

Completed tasks:

- Created web interface to add new books, tags
- Developed categories for the application
- Built features that allow to manage users and see user subscription status and statistics

Web application for consultant firm

The project proposal aims to develop a state-of-the-art web application that caters to the clients of the Asia-Pacific Investment Advisory Firm, one of the largest and most renowned firms in the industry. The application is envisioned to provide a comprehensive range of services, including but not limited to consultation, forensic examination, real estate, restructuring, and investment. The primary objective of the application is to streamline the process of availing the firm's services while ensuring that clients receive the highest quality of service. The application will be designed to be user-friendly and intuitive, with an emphasis on security and data privacy. Furthermore, the project aims to enhance the firm's brand image and reputation by providing an innovative and cutting-edge platform that is unmatched in the industry.

Technologies: HTML5/CSS3/Compass, JavaScript, Angular, Typescript, Material UI

Responsibilities:

- Creating frontend of responsive Angular-based application manipulating
- Features implementation
- Planning/estimation
- Code refactoring

Completed tasks:

- Developed a platform that enables the creation of organizations, adding employees, and managing cases on which clients can file and submit claims
- Implemented a system where each organization is assigned a dedicated subdomain with an independent user and client database
- Developed an application from scratch: architecture, build strategy, and ngx.js store
- Adapted the application to the desktop version & mobile version

Indusoft

Our platform provides a comprehensive solution for automating the process of collecting and processing data in industrial production, ensuring that you can manage the entire process with ease. Our platform is designed to help you create and manage multiple data tables with ease, each with its own unique rules for filling. Additionally, our platform supports multiple user roles with different permission layers, giving you complete control over who can access and edit the data. Whether you are a small business or a large corporation, our platform can help you streamline your data collection and processing process, saving you time and money in the long run.

Technologies: HTML5/CSS/JavaScript, Angular.js, Websocket, Photoshop, Nightwatch

Responsibilities:

- Frontend development
- Bug fixing
- Code refinement

Completed tasks:

- Developed web-designing of mock-ups
- Built substitution of the current main library with another one for performance reasons.

Advocrowd

Our platform is designed to simplify and streamline the data collection and processing process in industrial production. By using our platform, you can reduce the time and effort required to collect and process data, which means you can focus on more important tasks. Our platform is equipped with advanced automation tools that make data collection and processing a breeze. With our user-friendly interface, you can easily set up the platform to meet your specific needs and requirements. It's also highly customizable, so you can easily adapt it to the changing needs of your business. In addition, our platform is highly secure and reliable, ensuring that your data is always safe and protected. We use the latest encryption and security technologies to ensure that your data remains confidential and secure at all times.

Technologies: HTML5/CSS/JavaScript, Angular 6, TypeScript, Ionic, PhoneGap, NgRx, Codecept.js, Webdriver

Responsibilities:

- Frontend development,
- Add features
- Design features
- Integrate and customize a third-party forum (vanillaforums.com)
- Build ios and Android application

Completed tasks:

- Developed the Superadmin section, allowing the owner to create companies and add admins.
- Implemented the Admin section, enabling companies to invite employees and customers, manage users, create tasks, and assign rewards
- Created a social network feature where users can interact and engage with each other

Virtual phone system

SaaS communication platform that allows companies to add audio, video, and messaging (SMS, Chat, Notifications) features to their websites and mobile applications. The developed application supports up to 500 users in one company. The application provides everything necessary for an effective contact center, including administration and personnel management tools: more than 100 types of real-time and historical reports, call recording, integration with hundreds of CRM software platforms, cloud API for open platform and data import, and integration of computer telephony. It offers free local number parameters, DNS matching, Internet callback, and text-to-speech conversion tools. In addition, the program has a predictor for maximum efficiency of teams.

Technologies: HTML5/CSS/JavaScript, Angular.js, Angular, WebRTC, Voice & Video calls, AWS (Lambda, S3, API Gateway, Cloudwatch, DynamoDB, Route 53, IAM, EC2, Cognito, Polly), Protractor

Responsibilities:

- Frontend development
- Landing page development
- Angular.js components and backend integration
- Testing - manual and unit tests
- Estimation
- Code review

Completed tasks:

- Rewrote the admin panel from AngularJS to Angular 6 which helped to increase development speed by 50% and helped to avoid errors

- Created an SDK based on JsSIP so that any B2B client can build their application for calls with a convenient interface
- Connected virtual phone system to everything
- Made and received business calls from users' websites, Facebook, phones, and CRMs, all in one place.

Physics simulation platform

It is a new easy-to-use physics simulation platform (sandbox) that allows users to accurately and realistically simulate anything 3D. Web applications can be used to show and design all user interfaces and users can interact with it using Gamepad. It's an educational game/platform for 3D modeling.

Technologies: JavaScript, HTML5/CSS3, d3.js, Chart.js, Underscore, Webdriver, SonarQube, Mootools, Handlebars

Responsibilities:

- Frontend development
- User interface development
- Integrate with a specific backend
- Estimation

Completed tasks:

- Made a 3D reality interface
- Implemented the feature that allows users to render HTML pages in Unreal Engine 4
- Integrated pop-up tips on how to use the website
- Developed features can show users 10 different graphs in D3.js

Administration portal for quiz games

Administration portal for quiz games content management with the ability to organize vendors into workflow linked to payment management. Data management is organized with the help of Amazon Web Services, including S3 for storing large-scope objects and Dynamo as a database.

Technologies: JavaScript, HTML5/CSS3, Angular 1.6, Bootstrap

Responsibilities:

- Frontend development
- Application design and development
- Implementing features
- Code Review & Refinement

Completed tasks:

- Integrated AWS
- Adapted the application to the desktop version
- Released new features
- Formed a high-complexity responsive layout for all resolutions

Medical application

The application keeps medical information in the user's account in 30 features.

Technologies: JavaScript, React.js, Redux, Redux-Thunk, HTML5, CSS3, SASS, Webpack, Docker, Apollo, GraphQL

Responsibilities:

- Frontend Development
- Bug fixing

- Team lead
- Code review & refactoring

Completed tasks:

- Developed a Medical Application from scratch
- Implemented frontend architecture
- Created support for more than 60 types of illnesses, medications, and allergies to food, drugs, illness, etc.
- Developed an ability to add the same information about the user's family of up to 10 members
- Added localization & RTL support

CRM - Firstmac

Application created for internal corporate use that helps to automate all the business processes within the company. The application allows for implementation: internal conversation between team members, looking through the schedule of each team member and the current status and the workload of each employer, uploading and sharing different documents, photos, pdf, etc., creating your blog and sharing your posts with other team members and many other functionality.

Technologies: HTML5/CSS, AngularJS, Ionic, Karma, Mocha

Responsibilities:

- Frontend development
- Business logic Implementation
- Testing (unit tests)

Completed tasks:

- Established internal conversations between team members
- Developed a feature that allows look through the schedule of each team member and the current status and the workload of each employer
- Wrote unit tests
- Implemented Frontend architecture

LucidWorks Rules

Business rules for e-commerce search and how Fusion and the Lucidworks Rules Editor can model them quickly and easily. The presentation includes a demonstration of the Rules Editor followed by a deep dive discussion into how rules are implemented using Fusion's query pipeline architecture to increase relevancy and improve conversions

Technologies: AngularJS, Bootstrap, Gulp, Nginx, Chai, Jasmine, Jenkins

Responsibilities:

- Frontend development
- Business logic Implementation
- Build & Release management

Completed tasks:

- Created responsive and cross-browser layout
- Created an admin panel to change the content in the Web application
- Developed filter system

PDFReporter

The PDF editing tool in question is a comprehensive software that offers a wide range of features to make the editing process more efficient and effective. It has a user-friendly interface that is easy to navigate, and

it allows you to edit various elements of a PDF document, such as text, images, and tables. In addition, it provides a variety of tools for annotating, highlighting, and commenting on PDFs, which can be particularly useful for collaborative work. Other notable features include the ability to convert PDF files to other formats, such as Word or Excel, and to create new PDF documents from scratch. Overall, this tool is an excellent choice for anyone who needs to work with PDF files regularly and wants a powerful yet easy-to-use solution.

Technologies: Handlebars, PDFKit, Node.js, MongoDB, CSV, Backbone

Responsibilities:

- Fullstack development
- All logic Implementation
- Build and release management
- Testing

Completed tasks:

- Made a simple reporting tool that takes data from different sources and generates bunch of various reports: text, HTML, CSV, pdf
- Obtained and generated a certain type of data
- Carried out features on the user page & admin page

Eyebe

We can create a dynamic website template that is not only visually appealing but also highly customizable to meet the unique requirements of the client. In addition to the ability to change color schemes and display modes, we can incorporate other features that enhance the functionality of the website. For instance, we can integrate a user-friendly content management system that allows the client to easily add and edit their content without any technical knowledge. We can also make the website mobile-responsive, ensuring that it looks great and functions well on different devices, including smartphones and tablets. Furthermore, we can optimize the website for search engines, making it easier for potential customers to find it online. With our expertise in website development, we can create a website template that not only meets but exceeds the client's expectations.

Technologies: HTML5, Scss, Bootstrap, JavaScript, jQuery, jQuery Mobile, gulp

Responsibilities:

- Frontend development
- Code refactoring
- Bug fixing
- Deploying

Completed tasks:

- Implemented business logic
- Created multiple models for the database
- Made adaptive layout
- Adapted the application to the desktop version & mobile version

Education

Bachelor's degree

2006 – 2012

Management and Social Technologies

Master's degree

2013 – 2015

Management of Technology