

## Pavlo V.

### Full-stack Developer

#### SUMMARY:

I've been into software engineering since 2012, my entire time. I was involved in the development of the different scale systems. My stack revolves mostly around JavaScript/Typescript ecosystem. I'm capable of full-stack development with infrastructure and a bit of cloud(AWS specifically) configuration management. My FE framework of choice is React, and for BE I prefer NestJs for its maturity. On my latest project, I have been a CTO. The company is tiny in size thus in essence my responsibility could be described as Lead (Team and Tech) Software Engineer. It was a perfect chance to embrace true responsibility for the destiny of our product which I'm very proud of. It is worth mentioning my leadership experience with large-scale multi-team setup. Where I poured a lot of effort into successful stack modernization, and due to tripled app performance then had to face a rapid ramp-up of the team of 6 into several teams of 30 in total. As a cherry on top, participated in pre-sales working on architecture drafts, estimations, and raw design. Consider me a good and reliable addition to your existing team for experience sharing and getting things done, or as someone who is capable to build products from the ground up and is glad to take responsibility.

#### TECHNICAL SKILLS:

##### Industry Basics:

Theory - Design patterns, Data Structures, TDD, DDD;

Languages - Typescript, Bash, Rust;

API styles - REST, GraphQL, RPC, RTC, WebSockets;

UI/UX: Wireframing, Prototyping, Figma, PS;

Project/People management - Agile + SCRUM, Waterfall, Kanban, Talent Development, Strategy, Emotional Intelligence.

##### Frontend Development:

Basics - HTML, (S)CSS, Web APIs, PWA, SEO, Accessibility;

Frameworks - React, NEXT, Angular, SolidJS, React Native;

State Management - Redux, Thunk, Sagas, RTK, Apollo, Mobx, Zustand;

Testing - Mocha, Chai, Jest, Cypress.io, Puppeteer, RTL, Superagent;

##### Backend Development:

Frameworks - NestJS, Express, Koa, Hapi, Fastify;

Databases - Redis, PostgreSQL, SurrealQL, MongoDB, Neo4J, Prisma.io, TypeORM, DrizzleORM;

DevOps - CI/CD, Docker, GHActions;

Amazon Web Services - CloudWatch, ElasticBeanStalk, AppRunner, IAM, S3, EC2, Cognito, CloudFront, RDS, VPC.

#### PROFESSIONAL EXPERIENCE:

##### Company 8

**Role:** Software Engineer/Lead Software Engineer

Jun 2023 - Apr 2025

Responsibilities:

- I've been setting trends by laying a foundation for a highly packed, feature-rich cybersecurity platform UI.
- Facilitated development of a supplementary WMS-like system with emphasis on data security and consistency for physical and virtual full-cycle asset management, including its procurement.
- Ensured high coding standards as well as implementation of best engineering practices.
- Used various methodologies including OKRs for improvement of human capital and team output quality.

Technologies: ReactJS, TypeScript, NestJS, NATS, Hasura, Supabase, AWS, NX, Docker, Github Actions.

### **Company 7**

**Role:** Chief Technology Officer/Lead Software Engineer

Aug 2022 - May 2023

Responsibilities:

- As the CTO, I oversaw technology decision-making, product architecture, and design;
- I led the development of person-matching software using sophisticated algorithms to match compatible roommates based on psychometric data, resulting in increased revenue by reducing tenant turnover;
- Conducted comprehensive stakeholder requirement analysis with clear project requirements as the outcome;
- Developed architectural plan, development culture, and single-handedly laid project foundation ensuring stress-less code delivery from a PR to production;
- Heavily participated in product prototyping and UI/UX improvements.

Technologies: ReactJS, TypeScript, NestJS, AWS, NX, Docker, Github Actions.

### **Company 6**

**Role:** Head of JS Competency

Nov 2020 - Aug 2022

Responsibilities:

- I undertook additional responsibilities that extended beyond technical development, focusing on talent development, brand awareness, and pre-sales activities;
- Improved a talent development process by creating and nurturing internal tech communities, fostering a culture of continuous learning and professional growth;
- Represented the company at tech conferences and events, increasing brand visibility and reputation within the industry;
- Contributed to pre-sales efforts by providing architecture drafts, estimations, and design insights, ensuring proposed solutions aligned with client requirements.

Technologies: Node.js, Amazon Web Services (AWS), TypeScript.

### **Company 5**

**Role:** Lead FullStack Developer

Feb 2019 - Nov 2020

Responsibilities:

- Supported organized front team expansion and division into frontend stream with 20+ devs;
- Introduced modern best practices into an outmoded enterprise project;
- Achieved performance raise up to 400% in critical parts;
- Interviewed lots of applicants to account;
- Greatly improved CI/CD quality in terms of FED code verification;
- Created custom POC CLI tool to speed up development;
- Promoted lots of ideas to improve user and development experience;
- Developed lots of regular sharing expertise quality events;
- Improved development environment and introduced new level debugging practices.

Technologies: React.js, TypeScript, Node.js WebAssembly.

**Role:** Mentor/Lecturer (part-time)

Aug 2020 - Feb 2021

Responsibilities:

- Actively participated in the Company's University Ambassador program, where I had the privilege of mentoring and training several cohorts of students from renowned institutions such as Kyiv Polytechnic Institute and Shevchenko National University;
- Recognizing the need to bridge the gap between traditional educational programs and the rapidly evolving field of front-end development, I took the initiative to create a comprehensive "zero-to-hero" course. This course aimed to equip aspiring developers with the latest skills and knowledge required to excel in the industry, ensuring they were up-to-date with the current state of front-end development.

#### **Company 4**

**Role:** Senior FullStack Developer

May 2018 - Apr 2019

Responsibilities:

- Assumed responsibility for the front-end development of an internal CRM web application dedicated to efficient warehouse management;
- Orchestrated the development process, employing an array of cutting-edge technologies including Docker, Postgres, NodeJS, Koa, and React/Redux;
- Demonstrated resourcefulness and a keen eye for design, I single-handedly crafted a highly regarded UI kit from the ground up. This bespoke UI kit not only facilitated a consistent and cohesive user interface across the company's products but also significantly enhanced development efficiency and accelerated time-to-production.

Technologies: React.js, Redux.js, Node.js, Koa.js, Docker, SASS, PostgreSQL.

#### **Company 3**

**Role:** User Interface Engineer

Feb 2017 - May 2018

Responsibilities:

- Spearheaded the development and maintenance of a robust and reusable components repository, streamlining future development and ensuring consistency across projects;
- Led the implementation of numerous cutting-edge browser-side features for high-load products, harnessing the latest technologies to enhance performance and user experience;
- Provided ongoing support and enhancements to existing functionality, ensuring smooth operation and addressing user needs in a timely manner;
- Leveraged my expertise to improve user experience and optimize application performance, employing industry best practices and innovative techniques;
- Successfully migrated multiple traffic aggregator-type applications from old JavaScript subsets to the modern React/Redux framework, facilitating scalability, maintainability, and improved development efficiency.

Technologies: React.js, Redux.js, Ruby on Rails, SASS, JavaScript, Search Engine Optimization (SEO).

#### **Company 2 (non IT-experience)**

**Role:** Officer/Brigade CC Signal Engineer

Feb 2014 - Jan 2017

Responsibilities:

- Headed management and support of tactical communication channels on the front line between units and brigade headquarters. Had been working on the improvement of operation and communication speed introducing SCRUM/Agile methodologies.
- Development of NATO-OTAN compatible troops command system modules and other governmental classified projects.

#### **Company 1**

**Role:** FullStack Developer

May 2012 - Dec 2013

Responsibilities:

- Using LAMP stack I've participated in the development of a long list of products. One of which was a well-known task manager developed even before JIRA became a big thing.
- Created an editor for custom-printed t-shirts using vanilla JavaScript.

Technologies: JavaScript, C#, HTML, LAMP, PHP, SASS, SQL.

## **EDUCATION:**

Sep 2019 - Feb 2021 National University of Kyiv-Mohyla Academy, Kyiv, Ukraine

Master's Degree

Major subject(s): Computer Science

## **LANGUAGES:**

English – Advanced

Czech - Elementary

Polish - Elementary

Ukrainian – Native