

Dennis M.

Senior Full Stack Developer

Summary

- I am a software developer focused on the development of mobile and web applications, with a touch on backend development. I have a successful track record of using cross-platform JavaScript-based tools and the 'magic' of React Native to unify codebase, patterns, and tools as much as possible to reduce application development time.

Skills

Programming Languages

JavaScript | TypeScript | C# | Java

Frontend Frameworks/Libraries

React | Angular.js | Next.js | Redux | Redux-Saga | Bootstrap | Tailwind CSS | Webpack

Mobile Frameworks

React Native

Backend Frameworks

Node.js | ASP.NET

DevOps Tools

Docker | AWS CodePipeline | GitHub

Web Technologies

HTML | CSS | SASS | WebRTC | Socket.IO

NoSQL

MongoDB

SQL

MySQL | SQL | MS-SQL

Cloud Platforms

Firebase

Development Tools & IDEs

Linux

Tools & Libraries

JEST | TestTrack

Domains

NLP

Design & UX

UX/UI

Android

Android

Experience

Freelance

2023

Role: WebRTC Developer for calling features implementation

Position: Software Developer

Team Size: Unknown

Description: Implemented calling features using WebRTC for a US startup.

Responsibilities:

- Successfully tested video stream transfer through WebRTC with multiple peers in the room.
- Implemented WebRTC calls for a US startup on React Native (iOS/Android) and React Web.
- Developed additional features such as native caller UI and voice detection with indicators for group calls.

Skills: WebRTC, Node.js, React Native, React

Freelance

2020 - 2021

Role: Developed sensor apps using React Native and Tizen.

Position: Software Developer

Team Size: Unknown

Description: Developed sensor collector and activity monitoring apps.

Responsibilities:

- Stack included Tizen web app with service (written in C#/.NET and C++), React Native, and Firebase with functions.
- Worked on two apps (React Native and Tizen hybrid app) that collect sensor data (GPS, heart rate, etc.) to Firestore with real-time updates on the React Native mobile app.

Skills: React Native, Firebase

Freelance

2021

Role: Redesigned mobile app and built admin panel using React.

Position: Software Developer

Team Size: Unknown

Description: Redesigned a mobile app for a cashback-like service.

Responsibilities:

- Redesigned a mobile app (code and UI) migrating from Expo to pure React Native.
- Improved backend infrastructure and support using ASP.NET Core.
- Built an admin panel for content management using React.

Skills: ASP.NET, React Native

Freelance

2020

Role: Mobile application developer for educational lesson planning.

Position: Software Developer

Team Size: Unknown

Description: Created a mobile application for lesson planning.

Responsibilities:

- Created architecture and key features for a mobile application for educational purposes.
- Developed a calendar schedule with a scrollable calendar and agenda-like schedule list with bidirectional scroll.

Skills: React Native

Freelance

2018 - 2019

Role: Webpage Builder Developer

Position: Software Developer

Team Size: Unknown

Description: Developed a webpage builder.

Responsibilities:

- Worked on a visual editor for building web pages with live preview and project panel viewing file structure.
- Integrated Google Fonts API and enabled users to install and use Google Fonts.

Skills: Redux, React Native

Freelance

2018

Role: Designed responsive HTML templates with advanced effects.

Position: Software Developer

Team Size: Unknown

Description: Designed and developed an HTML responsive template.

Responsibilities:

- Implemented various effects such as carousel, parallax, and video background.
- Created a fully responsive flexbox layout with over 80 HTML demos including landing pages, portfolios, and e-commerce pages.

Skills: React, Webpack, SASS, Bootstrap

Freelance

2018

Role: Developed mobile app for equipment management with user features.

Position: Software Developer

Team Size: Unknown

Description: Created an equipment management mobile application.

Responsibilities:

- Implemented a schedule calendar and user roles with different privileges.
- Developed an app for equipment management with features such as equipment reservation, user chat, and notifications.

Skills: Redux, React Native

Freelance

2018

Role: Developed note editor app with calendar and visualizations.

Position: Software Developer

Team Size: Unknown

Description: Developed a note editor web app for writing daily notes.

Responsibilities:

- Implemented statistics calculation and visualizations using d3.js.
- Created basic implementation with calendar views and note editor features.

Skills: React, Redux

Freelance

2017

Role: Developed task manager app with React Native and CI setup.

Position: Software Developer

Team Size: Unknown

Description: Created a simple task manager application.

Responsibilities:

- Designed and developed a user-friendly task manager application using React Native, enhancing user productivity.
- Implemented a Continuous Integration (CI) setup to streamline the development process and ensure code quality.
- Collaborated with stakeholders to gather requirements and deliver features that meet user needs effectively.
- Conducted thorough testing and debugging to ensure optimal performance and reliability of the application.

Skills: React Native

Freelance

2017

Role: Developed event organizer app with chat and notifications.

Position: Software Developer

Team Size: Unknown

Description: Developed an event organizer app for scheduling cultural activities.

Responsibilities:

- Implemented chat dialogs and integrated push notifications using FCM.

- Documented the project and set up CI using Buddybuild.

Skills: Firebase, React Native

Freelance

2015 - 2016

Role: Developed IoT solutions for startup project.

Position: Software Developer

Team Size: Unknown

Description: This project involved the development of an Internet of Things (IoT) startup, focusing on creating innovative IoT solutions that integrate cloud storage and user-friendly web interfaces. The primary goal was to enhance connectivity and data management for various devices, enabling seamless communication and real-time data access. The project utilized advanced technologies to address challenges related to device interoperability and data security, ultimately delivering a robust platform that improved user experience and operational efficiency.

Responsibilities:

- Collaborated with cross-functional teams to ensure alignment on project objectives and deliverables.
- Designed and developed innovative IoT solutions, integrating cloud storage for seamless data management.
- Created user-friendly web interfaces to enhance user interaction with IoT devices.
- Conducted thorough testing and debugging to ensure optimal performance of IoT applications.

Skills: Angular.js, Node.js, MongoDB, Socket.IO

Freelance

2016

Role: Developed management system with React and Node.js.

Position: Software Developer

Team Size: Unknown

Description: Started developing a management system using React and Node.js.

Responsibilities:

- Built JWT token-based authentication and led technical tasks.
- Prototyped SPA frontend architecture and Node.js server-side architecture.

Skills: React, Node.js

Freelance

2015

Role: Developed mobile client for real-time human activity streaming.

Position: Software Developer

Team Size: Unknown

Description: Developed a mobile client for streaming human activity events.

Responsibilities:

- Built a mobile client for receiving SSE streams of human activity events and displaying them in real-time.
- Managed persons and groups and rendered live video streams through WebSockets.

Skills: React Native

Freelance

2012 - 2015

Role: Developed automated systems and integrated recommendation engines.

Position: Software Developer

Team Size: Unknown

Description: Worked on various projects from 2012 to 2015.

Responsibilities:

- Integrated a self-hosted recommendation engine and created a program for monitoring website statuses.
- Developed an exchange rates automated collection system with real-time UI updates using .NET and Owin Self Host.

Skills: ASP.NET, C#

Freelance

1970

Role: Developed Node.js demo service and API for customer.

Position: Software Developer

Team Size: Unknown

Description: Developed a demo service for an Irish customer.

Responsibilities:

- Prototyped Node.js server architecture and organized JSON data transfer between Node.js servers using socket.io.
- Wrote an API for control and management.

Skills: Node.js

Education

Unknown — Master's degree, Computer Science

Languages

English (C1)