

Alexander Alexandrov

Senior Full-Stack Developer

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Summary

Software developer with 6+ years of experience building web applications and backend APIs. Reaches for Rust when performance and reliability matter most. Writes concise, readable, and performant code.

Programming Languages

Rust, JavaScript/TypeScript, Java, HTML, CSS, ExtendScript.

Key Technologies and Frameworks

React, Redux, Next.js, Node.js, WebAssembly, Dioxus, Spring MVC, PostgreSQL, Docker, AWS, Git.

Experience

Senior Full-Stack Web Developer

Proxiad SEE | Aug 2023 - Present

- Build an AI MCP server in Rust for accessing the company's APIs.
 - Develop frontend applications for a digital publishing suite used by enterprise clients including Carrefour, ZEISS, and Würth.
 - Contribute to Java backend APIs, maintaining coding standards and test coverage.
 - Collaborate with UI/UX teams to streamline releases and improve feature turnaround time.
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Full-Stack Developer

DXC Technology | Apr 2020 - Aug 2023

- Modernised the Next Gen Product Accelerator by rewriting critical components from Java to Rust.
 - Contributed to building an LSP server in Rust for the VP/MS modelling language.
 - Developed a Visual Product Modelling System, improving product visualisation and user workflows.
 - Built a full-stack service to integrate cloud infrastructure into customer-facing solutions.
 - Developed features for the BMW Group Vulnerability Tool; optimised PostgreSQL schemas, reducing query time by 90% (from 30 seconds to 3 seconds).
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Web Development Intern

Camplight | Sep 2019 - Apr 2020

- Developed a property management web application.
 - Wrote reusable UI components.
 - Collaborated with mentors on architecture reviews and code quality, delivering production-ready components.
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Education and Training

Camplight Academy - *React, JavaScript/TypeScript, Next.js, GraphQL*

MaxPlus - *Java*

Sofia University - *PhD in Theology*

University of Forestry - *MEng in Engineering*

High School of Mathematics - *Mathematics*

Certifications

Oracle Certified Associate, Java SE 8 Programmer | Jan 2019

Spoken Languages

Bulgarian - native, **English** - C1, **Italian** - B2, **Russian** - B1, **Greek** - A2

Open Source Projects

FerroCrypt - A Rust library, CLI, and desktop application for encrypting/decrypting files and folders.

Sofos Code - AI coding assistant for the terminal built in pure Rust.

Sofos Web - AI chatbot built with React, Next.js, and MUI, with image analysis and speech-to-text.

Clavirio - A terminal typing tutor built with Rust and ratatui.