Milos Zivlak

Software Engineer

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About

I am a Software Engineer specialized in web and mobile applications. In addition to my professional expertise, I actively dedicate my free time to build development tools that improves the software development workflow.

Experience

Software Engineering Consultant   Lyra IT Solutions   11/2023 - present

- Development of custom web and mobile applications for international clients
- Working with cutting-edge web technologies and frameworks
- Maintaining dedicated servers for application hosting
- Assisting companies in designing and developing software solutions for their businesses

Head of Software Development   Sensa Group   11/2018 - 10/2023

- Leading a software development team
- Working on various embedded, mobile, and web projects
- Designing architecture and implementing core functionalities
- Designing and developing internal frameworks and tools used by other developers

Embedded Software Envineer   Fiscal Solutions   11/2017 - 10/2018

- Developing drivers for fiscal devices in ANSI C
- Maintaining the core system for fiscal services
- Designing and developing a framework for Lua integration to facilitate driver development
- Implementing core functionality for HTTP requests according to standards

Projects

DBT Search

- Complex internal software for a US title company used in everyday work
- Allowing users to access different parts of the system based on roles to perform their jobs
- Frontend is built on React, Redux, and Material UI, while the backend features a complex microservices architecture

CH Salary

- Software for salary calculations according to Swiss law
- Allowing users to register their company using a web interface and manage salary calculations for employees
- Managing payments through Stripe
- Frontend is built on React, MobX, and Material UI, while the backend is a Go service

Babezabe

- E-commerce platform for rentals and services
- Allowing users to register, post ads, and order items from other advertisers
- Platform is built on Next.js, Node.js, and MongoDB

Skills

Programming Languages: JavaScript / TypeScript, Go, , PHP, Python, Lua, C / C++
Frameworks: React, Next.js, Express, MobX, Redux, SolidJS, Laravel, MaterialUI, TailwindCSS, DaisyUI
Tools: Git, Docker, Linux, Vim