Natnael Mekuriaw

Senior Fullstack Software Engineer

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natnael-portfolio.vercel.app / LinkedIn / GitHub

Professional Summary

Full-stack developer with 5 years of experience delivering recruitment platforms, business software, ERP, e-commerce and finance applications. Led development of job boards, an applicant tracking system, business software and an academic project management system. Experience spans frontend and backend development, system and database design, API integrations, web and desktop applications, and automated testing.

Professional Experience

Composity

Apr 2024 - Present

Senior Software Engineer

Varna, Bulgaria, Europe | Remote

- Led development of cloud-based business software and contributed to web-based ERP and e-commerce products.
- Developed cross-platform Electron desktop applications for local use, alongside cloud-based web applications built with Next.js, Node.js and TypeScript.
- Worked on automated test coverage with Playwright, Jest and Supertest as part of product development.

Stack Next.js, Node.js, JavaScript, TypeScript, Electron, Tailwind CSS, Ant Design

Products Composity business software

Cashflow

Jan 2024 - Dec 2024

Senior Backend Engineer | Part-time

Addis Ababa, Ethiopia | Remote

- Developed multiple backend systems and services supporting financial products.

ConDigital

Jan 2023 - Jan 2024

Software Engineer

Addis Ababa, Ethiopia | Remote

- Developed finance software supporting accounting workflows, with a React and Tailwind CSS web interface and a NestJS backend.

Info Mind Solutions / Ethiojobs

Feb 2022 - May 2024

Software Engineer | Full-time

Addis Ababa, Ethiopia

- Led development of production recruitment products, including Ethiojobs, Dereja and Kipawa job boards and an applicant tracking system (ATS).
- Integrated AI services and payment gateways into production application workflows.
- Developed data sourcing software and Telegram automation bots.
- Built applications with Laravel, Next.js and Node.js, using Swagger for API documentation and Docker for development workflows.

Products Ethiojobs / Dereja / Kipawa / ATS

Additional Professional Experience

Upwork

Nov 2022 - Present

Freelance Full Stack Engineer Remote

Stack React, Next.js, NestJS, Prisma

Rica Technology

Jan 2022 - Feb 2022

Junior Software Engineer | Full-time Addis Ababa, Ethiopia | On-site

- Contributed to frontend and backend development using React and Node.js in a junior engineering role.

Additional Projects

Academic Project Management System. Led development of APMS, an application for academic project management.

EthioFreelance and Hagerly. Contributed to EthioFreelance, a talent marketplace, and Hagerly, a digital marketplace.

Engineering Expertise

Design and integrations. System and database design, SQL and NoSQL programming, REST APIs, AI and payment integrations, and Telegram automation using webhooks and polling.

Quality and delivery. Debugging and maintenance, unit and integration testing, Docker development workflows, Linux server use, Git collaboration and Agile practices.

Technical Skills

Primary languages: JavaScript, TypeScript, PHP, HTML5, CSS

Frontend: React, Next.js, Vue.js, Redux Toolkit, Tailwind CSS, MUI, Ant Design, Bootstrap, Vuetify

Backend: Node.js, Express.js, NestJS, Laravel, REST APIs

Databases and ORMs: MySQL, MongoDB, Prisma, Laravel Eloquent

Testing: Playwright, Jest, Supertest, Postman

Tools and platforms: Git, GitHub, GitLab, Docker, Laravel Sail, Swagger, Linux / Ubuntu, Electron

Additional experience: Python, Java, C++, C#, Android development, desktop applications

Education

Bachelor of Engineering in Software Engineering

Addis Ababa Science and Technology University, Ethiopia

September 2021