

# Dawit Urgessa

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## Full-Stack Engineer

Experienced Software Engineer focused on crafting high-quality, accessible web applications with care for UX, security, and performance. Seeking opportunities to share my passion for problem-solving as a full-stack engineer.

### SKILLS

**Programming:** JavaScript, HTML, CSS, Java, Node.js, TypeScript, Python, SQL

**Libraries:** React, Next.js, Spring, Express.js, Nuxt, GraphQL, Flask

**Tooling:** Git, AWS (Amazon Web Services), NPM, Figma, GitHub

### PROFESSIONAL EXPERIENCE

**Software Developer**, New Vision Safari

**Feb 2023 – Sep 2023**

*Stack:* HTML, CSS, JavaScript, Bootstrap

- Led the overhaul of a marketing website by leveraging responsive design and frontend technologies for better UX and accessibility, resulting in a 35% increase in site traffic.
- Implemented strategic optimization techniques by making use of performance best practices, resulting in a 12% reduction in loading times.
- Refactored legacy code, achieving a 46% reduction in project size, effectively cutting hosting costs and substantially enhancing load times.

**Software Developer Intern**, OpenGenus Foundation

**Sep 2019 – Feb 2020**

*Stack:* JavaScript, TypeScript, Java

- Authored and published comprehensive technical articles for OpenGenus IQ covering various facets of web development, garnering a total of 5,000 views.
- Investigated various browser and Rest APIs by generating workable solutions that improve web performance and security, resulting in an average 6% improvement in performance metrics.

**Web Developer**, Freelance

**Sep 2017 – Jun 2018**

*Stack:* HTML, CSS, JavaScript

- Worked closely with clients to understand requirements and collaborated effectively to develop marketing websites that showcase services, resulting in an average rise of 18% in conversion rates.
- Crafted distinctive product logos and UI mockups tailored for mobile apps, ensuring appealing and consistent brand representation across platforms, leading to a 15% increase in brand recognition.
- Integrated OpenSearch functionality into websites, enhancing user experience and resulting in a 10% increase in user engagement by optimizing search capabilities.

### PROJECTS

**PlayTales**

playtales.minch.dev

**2024**

*Stack:* React.js, Node, Express, PostgreSQL, TypeScript, Tailwind CSS

- Developed a full stack, responsive and visually appealing e-commerce web app utilizing React for dynamic component rendering, Tailwind CSS for styling and Node.js with Express for server-side logic.
- Integrated client-server communication with RESTful APIs built with Express, facilitating seamless data exchange between the front end and the back end.
- Designed a robust relational database schema (Postgres) using Prisma ORM and leveraged its client to build simplified and type-safe queries in Node.js.
- Implemented user authentication using JSON Web Tokens (JWT) and cookies, applying industry best practices to ensure secure user sessions and safeguard sensitive data.

**EncryptedList**

encryptedlist.xyz

**2024**

*Stack:* Vue.js, Node.js

- Developed and deployed a mobile-first, interactive Single Page Application (SPA) using Vue, prioritizing seamless user experience.
- Engineered a RESTful Web API backend as a serverless function using Node.js, achieving a 19% reduction in latency compared to a conventional server and ensuring optimal performance.
- Integrated client-side routing using Vue Router and state management using Vuex, enhancing overall UX through streamlined navigation and efficient data management.

### EDUCATION

**Bachelor of Science in Computer Science**, Tennessee Technological University

**2021**