

Dawit Urgessa

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Full-Stack Engineer

Experienced Full-Stack 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: HTML / HTML5, CSS / CSS3, JavaScript, TypeScript, Node.js, Python, SQL

Libraries: React.js, Express.js, Vue.js, Tailwind CSS, Nuxt.js, GraphQL, Flask

Tooling: Git, NPM, Amazon Web Services (AWS), 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

- 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 a 5% 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, Node.js, 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, 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