Nebiyou Seifu Belaineh

Software Engineer

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SUMMARY

- Enthusiastic and dedicated full-stack developer with a strong foundation in backend development and hands-on experience in building and deploying web applications. Seeking to leverage my skills and passion for problem solving to contribute to innovative projects.

SKILLS

- Programming Languages: Python, JavaScript, TypeScript, C
- Databases: SQL (PostgreSQL, MySQL), NoSQL (MongoDB, Redis)
- Web Technologies: Flask, Django, Node.js, Express, Nest JS React, Next JS, HTML, CSS
- DevOps: CI/CD, Shell scripting, Git
- Others: RESTful API Design, Applied AI tools, Unit Testing, Web Scraping, Docker

PROJECTS

- **Built a Full-stack event management web application** using Next Js and React Js for the frontend and Express Js and Node Js for the backend and MongoDB Atlas for the Database. Repos: backend & frontend, Demo-Video: Block-EventsBlock-Events
- **Built a Full-stack recipe finder web application** using Flask, MySQL and Bootstrap. Implemented RESTful APIs, user authentication and deployed the application on a cloud platform. Repo: DishcoveryRepo, Demo-Video: DishcoveryDemoDishcoveryDemo
- **Developed a fully responsive, high-performance portfolio website** using Next.js. Leveraged Server-Side Rendering to enhance user experience and implemented a contact form powered by Nodemailer for direct communication. Repo: my-portfolio Live-Demo: nebiyoubelaineh.tech

EDUCATION

African Leadership Experience, ALX Africa   July 2023 – August 2024
Software Engineering
Relevant Coursework:
- Data structures, Algorithms, Object Oriented Programming, DevOps, System Design, Scripting, Web scraping, RESTful API design, Web Development, Unit Testing, Database design, migration, cloning and replication.

Addis Ababa Institute of Technology   Sept 2013– July 2018
Biomedical Engineering
Relevant Coursework:
- Signal Processing, Algorithm Development, MATHLAB, C, C++, Java, Microcontrollers and Embedded Systems.

WORK EXPERIENCE

Fortunetech Ltd   Remote, *October* 14, 2024– Present
Backend Developer
- Spearheading the development of a scalable backend architecture for an investment platform using NestJS and PostgreSQL, designed to support over 5,000 users upon launch.
- Building and implementing role-based access controls (RBAC) to ensure secure data management across multiple user roles.

- Collaborating closely with frontend developers to define API specifications and with DevOps teams to establish robust CI/CD pipelines for smooth deployments.
- Writing and optimizing database schemas and queries to ensure data consistency and efficient storage for investment-related transactions.
- Actively contributing to sprint planning, code reviews, and technical discussions to ensure timely delivery of features and alignment with business goals.

REY Import and Export PLC   Addis Ababa, Ethiopia May 2021 – June 2023
Technical Manager
- Provided technical support and troubleshooting for clients, improving customer satisfaction by 15%.
- Conducted product training sessions, enhancing team knowledge and reducing support tickets by 10%.
- Assisted in product selection and recommendations, contributing to a 30% increase in sales.

Addis Cardiac Hospital PLC   Addis Ababa, Ethiopia Nov 2018 – May 2021
- Specialized in servicing a wide range of medical devices including cardiac, intensive care, and imaging equipment.
- Skilled in using biomedical test equipment to diagnose, test, and maintain medical devices.
- Provided training and support to clinicians on device usage, ensuring optimal patient care and device lifespan.