Hermon Tesfatsion

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WORK EXPERIENCE

Brightspot
Software Engineer - Full Stack

08/2023 – 10/2024
Reston, VA

- Engineered 15+ custom Java backend integrations using object-oriented programming principles into client CMS environments, driving $75K+ revenue through premium feature offerings while securing client renewals
- Delivered 30% of project upgrades across cross-functional Agile teams by optimizing build pipelines, reducing deployment friction and earning the Brightspot Spotlight Award for accelerating release cycles
- Led critical legacy upgrade initiative reducing upgrade time by 58% (110 to 46 hours), saving 960+ development hours across 15 projects while standardizing documentation used by 40+ developers across teams
- Containerized 8+ projects with Docker and implemented GitHub Actions CI/CD, reducing deployment errors by 20% while optimizing AWS deployments and troubleshooting Kubernetes environments with K9s

National Oceanic and Atmospheric Administration
Front End Developer

01/2022 – 08/2023
Silver Spring, MD

- Developed 100+ responsive web pages with JavaScript, Bootstrap, and HTML/CSS, improving user experience and ensuring compliance with accessibility standards
- Revamped three National Marine Sanctuaries websites, boosting engagement by 32% through UX improvements and optimized web performance
- Executed 40+ Agile-driven code releases by working cross-functionally with designers and stakeholders, accelerating time-to-market for government projects

Projects

Soccer Camp Registration - [GitHub](#), [Live Demo](#)

- Built a full-stack soccer registration platform using React, Next.js, Tailwind CSS, and PostgreSQL, featuring user authentication, email verification, and secure Stripe payment integration
- Designed and deployed RESTful APIs and database schema with Prisma ORM to effectively manage user data, with a focus on data integrity and security
- Created an intuitive user dashboard for managing registrations and tracking payments, optimized for mobile and desktop

Blogging Platform - [GitHub](#), [Live Demo](#)

- Developed full-stack MERN(MongoDB, Express, React, NodeJS) application with reusable components and RESTful APIs for complete blog management (CRUD operations, comments, and likes)

Python Programming Course Instructor (volunteer)

- Instructed a summer Python programming course for 20 high school students, leading a team of three assistant teachers to deliver a structured and engaging curriculum
- Designed weekly lessons, interactive homework, and a project, resulting in a 90% project completion rate

SKILLS

- Java, Python, JavaScript, HTML/CSS, React, Next.js, Typescript, Express.js (Node.js), Bootstrap, Tailwind CSS
- GitHub, AWS(S3 etc.), Azure, Docker, SQL, PostgreSQL, MongoDB, NoSQL, RDBMS, Linux, CI/CD, Jira
- Object Oriented Programming, Web Development, API Design, MVVM, RESTful APIs

EDUCATION

University of Maryland, College Park
Bachelor of Science, Computer Science

2019 - 2023

Relevant Coursework: Algorithms, Data Structures, Object-Oriented Programming (OOP), Artificial Intelligence