Hermon Tesfatsion

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WORK EXPERIENCE

Brightspot

Software Engineer - Full Stack   08/2023 - 10/2024

- Engineered 15+ custom integrations of Brightspot backend features (**Java**) into client-specific CMS environments, ensuring full compatibility and improving system reliability and client satisfaction
- Led **30%** of project upgrades (13 of 43) in a 6-person **Agile** team, managing sprints via JIRA, collaborating cross-functionally, and earning the "Brightspot Spotlight" award for exceptional performance
- Implemented Java solutions for NVIDIA by migrating data from legacy databases to Brightspot CMS, ingesting **50+** legacy sites, and transforming content types to improve content management
- Ensured **99.99%** uptime by leveraging **AWS services**, managing tenant restarts, and monitoring system health with Datadog, optimizing performance and reducing incident response time
- Enhanced frontend templating using **JavaScript and HTML/CSS**, configuring 100+ Handlebars (HBS) files to boost efficiency and ensure UI consistency
- Streamlined workflows for **8+ projects** by containerizing services with **Docker**, managing **Kubernetes** clusters, and integrating **Git** into **CI/CD** pipelines, improving scalability and deployment consistency

National Oceanic and Atmospheric Administration

Front End Developer   01/2022 - 08/2023

- Developed and delivered **200+** responsive web pages using **JavaScript**, **HTML/CSS**, and **Bootstrap**, ensuring cross-device compatibility
- Modernized the web presence for three National Marine Sanctuaries projects, increasing page views by **32%** through optimized design and development
- Collaborated in an **Agile** development environment with cross-functional content teams, delivering 40+ high-quality code releases

SKILLS

Languages: **Java**, **Python**, **JavaScript**, HTML/CSS, C++, Swift
Frameworks**: Spring Boot**, **ReactJS**, Express.js (Node.js), Bootstrap
Cloud, Databases & DevOps**: AWS Services**, **Docker**, **Kubernetes**, DevOps principles, CI/CD pipeline, **MySQL**, PostgreSQL, NoSQL, MongoDB
Tools & Technologies**: GitHub**, Github Actions, Unix/Linux Shell, Bash, JIRA, Confluence, Gradle, Maven, Webpack, Tomcat, Eclipse, IntelliJ, Visual Studio, JUnit

Projects

Interactive Blogging Platform   05/2024 - 08/2024

- Developed features allowing users to create blog posts with customizable content, including images, text, and links, as well as interact through comments and likes, enhancing user engagement.
- Built with **React.js**, **Express.js(Node.js)**, and implemented data management solutions using **RESTful APIs** and **MongoDB** with full CRUD operations

EDUCATION

UNIVERSITY OF MARYLAND - COLLEGE PARK

Bachelor of Science (BS) in Computer Science   08/2019 - 05/2023

Relevant Coursework: Algorithms, Data Structures, Object-Oriented Programming (OOP), Web Application Development