Hermon Tesfatsion

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WORK EXPERIENCE

Brightspot

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

- Engineered custom integrations of **15 Brightspot backend features (Java)** into client-specific CMS environments, ensuring 100% compatibility with client-specific code, resulting in improved system reliability and client satisfaction
- Delivered 30% of total project upgrades (13 out of 43) as a key individual contributor within a 6-person team, earning the "Brightspot Spotlight" award in March 2024
- Designed and implemented **Java solutions** for Nvidia, migrating data from legacy databases into Brightspot CMS, ingesting **50+ legacy sites**, and transforming diverse content types to improve content management
- Improved storage efficiency and data retrieval speed by using **AWS S3** for scalable media storage and integrating it with Brightspot's backend systems to support high-traffic environments
- Enhanced frontend templating using **HTML** and **CSS**, ensuring UI consistency and boosting efficiency across Brightspot's **MVVM framework** by configuring over 100 Handlebars (HBS) files
- Streamlined development and deployment workflows for **8+ projects** by containerizing backend web services with **Docker** and managing **Kubernetes** clusters for efficient scaling and real-time debugging, ensuring consistent environments across development, testing, and production

National Oceanic and Atmospheric Administration

Front End Developer (part-time)   01/2022 - 08/2023

- Developed and delivered more than **200** responsive web pages using **JavaScript**, **HTML/CSS**, and **Bootstrap**, ensuring cross-device compatibility
- Modernized the web presence of **three** National Marine Sanctuaries projects through redesign implementations, enhancing user experience
- Increased page views by **32%** through optimized design and development efforts as part of the Web Development team
- Collaborated within an **Agile development** process, working closely with cross-functional content teams to deliver **40+** high-quality code releases

SKILLS

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

PROJECT

Blogging Site   05/2023 - 06/2023

- 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**, **Node.js,** and integrated seamless **CRUD operations** through **RESTful APIs** and efficient data management with **MongoDB**

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