

Hermon Tesfatsion

Software Engineer

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WORK EXPERIENCE

Brightspot

08/2023 – 10/2024

Software Engineer

Reston, VA

- Pioneered a legacy upgrade program, cutting upgrade time from 110 to 46 hours with a streamlined process and clear documentation for 50+ developers and stakeholders
- Led 30% of project upgrades in an Agile team, managing sprints in JIRA, collaborating cross-functionally, and earning the *Brightspot Spotlight* award for exceptional performance
- Engineered 15+ custom integrations of Brightspot backend features (Java) into client-specific CMS environments, ensuring full compatibility and improving system reliability and client satisfaction
- Implemented Java solutions for NVIDIA by ingesting data from 60+ legacy sites to Brightspot CMS, and transforming content types to improve content management
- 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
- Ensured 99.99% uptime by leveraging AWS services, managing tenant restarts, and monitoring system health with Datadog, optimizing performance and reducing incident response time

National Oceanic and Atmospheric Administration

01/2022 – 08/2023

Front-End Developer

Silver Spring, MD

- Built 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

PROJECTS

Interactive Blogging Platform

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, Express.js (Node.js), and implemented data management solutions using RESTful APIs and MongoDB with full CRUD operations

EDUCATION

University of Maryland, College Park

05/2023

Bachelor of Science, Computer Science

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

SKILLS

Languages: Java, Python, JavaScript, HTML/CSS

Frameworks: Spring Boot, React, Express.js (Node.js), Bootstrap

Cloud & Databases: AWS, Docker, CI/CD, MySQL, PostgreSQL, MongoDB, NoSQL

Tools: GitHub, GitHub Actions, Linux, Bash, JIRA, Confluence, Gradle, Maven, Webpack, Tomcat, IntelliJ, VS Code, JUnit