

Hermion Tesfatsion

Software Engineer

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WORK EXPERIENCE

Brightspot

Aug. 2023 – Oct. 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

Jan. 2022 – Aug. 2023

Front-End Developer

Silver Spring, MD

- 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

PROJECTS

Interactive Blogging Platform

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

EDUCATION

University of Maryland, College Park

May, 2023

Bachelor of Science, Computer Science

College Park, MD

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

SKILLS

Languages: Java, Python, JavaScript, HTML/CSS

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

Cloud & DevOps: AWS, Docker, Kubernetes, CI/CD

Databases: MySQL, PostgreSQL, MongoDB, NoSQL

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