

Hermon Tesfatsion

B.S. in Computer Science

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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
- Resolved 50+ front-end issues, cutting bug backlog by 90%, improving UI performance, and automating Webpack builds to reduce build times by 40% and accelerate feature delivery
- Streamlined workflows for 8+ projects by containerizing services with Docker, managing Kubernetes clusters, integrating Git into CI/CD pipelines, and leveraging AWS for scalable deployments, ensuring 99.99% uptime

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 and implementing accessibility best practices
- 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 | [Github](#)

- Designed and implemented RESTful APIs using Node.js and Express.js, integrating MongoDB for efficient data storage, and schema design to ensure a scalable and secure backend
- Built a React-based frontend that dynamically interacts with backend APIs, enabling seamless content creation, real-time updates, and smooth user interactions

SKILLS

Languages: Java, Python, JavaScript, HTML/CSS

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

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

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

EDUCATION

University of Maryland, College Park

05/2023

Bachelor of Science, Computer Science

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