

Hermon Tesfatsion

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WORK EXPERIENCE

Brightspot

08/2023 – 10/2024

Software Engineer 1

Reston, VA

- Reduced upgrade time by 58% (110 to 46 hours) by leading a legacy upgrade initiative, streamlining processes, and standardizing documentation used by 50+ developers across teams
- Delivered 30% of project upgrades across Agile/Scrum teams, optimizing build pipelines, reducing deployment friction, and using JIRA for tracking—earning the *Brightspot Spotlight* Award for accelerating release cycles
- Engineered 15+ custom integrations of Brightspot backend features (Java) into client-specific CMS environments, ensuring full compatibility, enhancing system reliability, and improving client satisfaction
- Migrated 60+ legacy NVIDIA sites into Brightspot CMS, automating content ingestion and transformation to modernize content management for improved scalability
- Eliminated 70% of UI-related defects (50+ bugs), enhanced performance, and automated Webpack builds—slashing build times by 40% and speeding up feature releases
- Containerized 8+ projects with Docker, troubleshoot Kubernetes-managed production environments with K9s, leveraged GitHub Actions for CI/CD, and optimized AWS cloud deployments—ensuring 99.99% uptime

National Oceanic and Atmospheric Administration

01/2022 – 08/2023

Front End Developer

Silver Spring, MD

- Developed 200+ accessible, responsive web pages with JavaScript, Bootstrap, and HTML/CSS, improving user experience and ensuring compliance with accessibility standards
- Revamped three National Marine Sanctuaries websites, boosting engagement by 32% through UX improvements and optimized web performance
- Executed 40+ Agile-driven code releases by working cross-functionally with designers and stakeholders, accelerating time-to-market for government projects

Leadership & Mentorship

Python Programming Course Instructor (volunteer)

06/2024

- Designed and led a summer Python course for 20 high school students, managing a team of 3 assistant instructors
- Achieved a 90% project completion rate and developed an interactive curriculum featuring weekly lessons and hands-on assignments

Projects

Interactive Blogging Platform | [Github](#)

- Full-stack app (React, Node.js, MongoDB with Mongoose) using RESTful APIs for managing blog data (CRUD operations, comments, likes); containerized with Docker for scalable deployment

EDUCATION

University of Maryland, College Park

2019 - 2023

Bachelor of Science, Computer Science

SKILLS

- Java, Python, JavaScript, HTML/CSS, Spring Boot, React, Express.js (Node.js), Bootstrap
- Docker, MySQL, PostgreSQL, MongoDB, NoSQL, AWS, Azure(certification in progress)
- Frontend, Backend, CI/CD, GitHub, GitHub Actions, Linux, Bash, Gradle, Maven, Webpack, Gulp, JUnit