

HERMON TESFATSION

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SUMMARY

Meticulous Software Engineer with 2+ years of experience in Object Oriented Programming(Java) and modern web development(React, JavaScript, HTML, & CSS). Track record of writing efficient code and improving legacy systems, with a deep familiarity with Agile methodology across all phases of software development.

TECHNICAL SKILLS

Languages/Frameworks: Java, Python, C/C++, React, NodeJS, JavaScript, Bootstrap, HTML5/CSS3

Tools/other: Git, GitHub, GithubActions, GitLab, RESTful APIs, JSON, Docker, Gradle, Tomcat, Eclipse, AWS, Maven, GraphQL, Bash, Unix/Linux, JIRA, Confluence, IntelliJ, Visual Studio, SQL, NoSQL, MongoDB, Continuous integration & Continuous delivery(CI/CD)

Technical Expertise: Algorithms, Data Structures, Object Oriented Programming design techniques and principles

PROFESSIONAL EXPERIENCE

BRIGHTSPOT, Reston, Virginia

Software Engineer - Full Stack

08/2023 – 10/2024

- Pioneered a legacy project upgrade program, reducing average project upgrade time from 110 hours to 46 hours by implementing a streamlined upgrade process
- Engineered custom integrations of 15 Brightspot's backend features(Java), ensuring compatibility with all client-specific and custom code
- Achieved a 60% reduction in front-end build time by leading the migration from Gulp to Webpack, leveraging Yarn to streamline theme bundling
- Configured over 50 Handlebars (HBS) files to enhance frontend templating, supporting UI consistency and efficiency across Brightspot's MVVM framework
- 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
- Authored and published public documentation for the Brightspot 4.5 upgrade, providing clear guidance for developers and stakeholders, available here: [Documentation](#)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, Silver Spring, Maryland

Front End Developer

01/2021 – 08/2022

- Developed and delivered over 200 responsive web pages using JavaScript, HTML, CSS, and Bootstrap, ensuring cross-device compatibility
- Executed redesign implementations for three National Marine Sanctuaries projects, modernizing their web presence and improving user experience
- Increased page views by 32% through optimized design and development efforts as part of the Web Development team
- Managed project development process using Agile methodology, collaborating with content teams to deliver efficient, production-quality code

PROJECT EXPERIENCE

BLOGGING SITE | React, JavaScript, Node.js(Express), MongoDB, RESTful APIs

06/2023

- Built features allowing users to create blog posts with the ability to include images, content, and links, enhancing content customization
- Enabled user interaction through commenting and like functionalities, allowing user engagement
- Streamlined data management with efficient Create, Read, Update, and Delete (CRUD) operations via RESTful APIs and MongoDB

EDUCATION

UNIVERSITY OF MARYLAND, College Park, Maryland

B.S., Computer Science | Minor in Technology Entrepreneurship

05/2023