

Gregory Hosking

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Professional Experience

Front-End Engineer

Aceso, Remote

July 2023 – Present

- Led the optimization initiative, resolving long-standing issues and increasing application performance by 30% by implementing an innovative monitoring system and a modular JavaScript component library.
- Spearheaded the development of a patient-friendly dining application with JavaScript, HTML, and CSS, improving patient convenience and hospital operational efficiency.
- Collaborated closely with the product team to enhance UI/UX and design new quality of life improvements, resulting in significantly higher user engagement and satisfaction metrics across 10 different hospitals.

Software Engineer Intern

Zendesk, Remote

June 2022 – Aug 2022

- Architected and deployed a robust monitoring system using AWS Lambda, Go, and Terraform to synchronize development server instances, achieving near-zero downtime and sustained developer productivity. Authored detailed technical documentation to support future enhancements and scalability.
- Redesigned and implemented a React-based interface for a critical CLI tool used for managing secrets, resulting in a 30% increase in developer adoption and significantly improving developer efficiency and security compliance.

Software Engineer Intern

Endicott College, Beverly, MA

Jan 2021 – June 2021

- Developed a Python data pipeline for processing student enrollment data, reducing manual data entry workload by 80%, improving data accuracy, and aiding administrative efficiency and decision-making.
- Optimized legacy processing algorithms, achieving a 94% increase in speed and enhancing system responsiveness.

Projects

86it

Capstone Project

Sep 2022 – May 2023

- Designed and developed a menu management application to solve problems related to physical paper menus in the restaurant industry, using MongoDB, Express, React, Node.js, JavaScript, HTML, and CSS.
- Integrated with AWS S3 for user-uploaded image storage and created a build, test, and deployment pipeline, demonstrating adeptness in cloud computing, DevOps, and CI/CD methodologies.
- Represented the graduating computer science class at an annual event showcasing top student capstone projects.

ALive

Hackathon Project

Nov 2021

- Led a team to win “Best Hack for Social Good” by creating a personal safety mobile app using React Native, Express, Node.js, and MongoDB in 48 hours.

Skills

- **Languages:** JavaScript, Python, Go, TypeScript, Java, HTML, CSS
- **Technologies:** React, Node.js, Express, Docker, SQL, NoSQL, Django, jQuery, Tailwind CSS
- **Other:** AWS, CI/CD, Unit Testing/TDD, DevOps, Git, REST APIs, Agile, Scrum, OOP

Education

B.S. Computer Science, Endicott College, Beverly, MA

2020 – 2023

- Graduated cum laude with a 3.8 GPA and received the Academic Excellence in Computer Science Award.
- Led as President of the Computer Science Club, honored as member of the Endicott Scholars and Tutoring Program.