William Heeb

Software Engineer

SUMMARY

As an innovative and detail-focused software engineer with a passion for tech, I bring a unique combination of technical expertise and creative problem-solving skills to the table. With over 8 years of experience in software development, I have successfully designed and deployed scalable front-end and back-end web applications that drive business results. My journey in software engineering began with testing software builds, which sparked a passion for coding and led me to pursue a career in this field. I am eager to contribute my skills to your global tech powerhouse, where I can leverage my lifelong drive for learning and expertise to drive innovation and growth.

Semper Valens Solutions

April 2025- Present

- Contractor supporting the Department of Defense Agency | Department of Defense | Health information technology.
- Helped maintain and create a more effective use of a blockchain api, leveraged the Iroha blockchain framework to secure client data(first gov use of blockchain).
- Created a structure to utilize NestJS in a backend API structure to be used in all DoD applications moving forward as a drop-in SDK framework, cutting development time by 60% and creating consistency in api building across teams.
- Effectively approved coworker pull requests, ensuring changes did not affect production builds.
- Network security through the CompTIA(cybersecurity) industry standard, ensuring end-to-end encryption in all points of access, and a layered infrastructure to ensure 100% uptime with no single security risk point of entry.

Lead Software Engineer for Anything_AI

Feburary 2024- Present

- Designed, developed(DevOps), and deployed scalable AI solutions, ensuring seamless integration with various apps and web pages while prioritizing security and minimizing hallucinations(minimizing errors and inconsistencies from modals).
- Implemented robust security measures, including data sanitization and validation, to ensure the integrity of AI-generated content, resulting in maximum uptime and optimal system performance.
- Maintained strict adherence to industry-standard safety protocols, prioritizing user protection and data integrity in a rapidly evolving field, ensuring compliance with regulatory requirements, and mitigating potential risks.
- Streamlined AI platform integration by developing and implementing one-click API solutions, simplifying bearer token processes, and enabling seamless authentication, resulting in improved user experience and cutting development time by 72% while maintaining comprehensive API libraries. Optimizing performance while ensuring scalability, security, and reliability.

Software Engineer at EAS(experience as a service)

March 2021 – April 2025

- Contributed to the development of modern, responsive web applications using best practices, testing new frameworks, and ensuring semantic structure and accessibility.
- Automated tests to optimize page rendering speed, resulting in a 75% reduction in space usage while implementing agile methodologies like SCRUM for efficient project management.
- A route for business professionals to change their pricing and highlight the services they offer on our website quickly and easily for anyone to use .

Tech Manager and AI trainer for Sears Home Service

February 2016 — April 2025

- Trained and managed AI implementations, resolving issues and testing weekly routing apps to ensure seamless nationwide deployment to 3,000 technicians
- Provided mentorship to a team of technicians, providing diagnostic support and guidance, while maintaining high standards of professionalism and driving significant quarterly profits(top 5 team in the country), turning a loss into $100,000 quarterly profit.
- Performing electrical tests(finding where the failure is with voltage verification at test points.
- Consistently testing and fixing all internal applications and databases.

CONTACT

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Many REFs: Upon Request

SKILLS

Solidity

HTML

CSS

Javascript

React

React Native

Node

Python

SQL

Prisma

MongoDB

PostgreSQL

Django

Docker

GitHub

NoSQL

Algorithims

C#

NestJS

Machine Learning

Unit Testing

Web Accessibility

Java

EDUCATION

South Kitsap HS

1999 - 2001

Olympic College