

Alec Tatton

Software Engineer | contact@alectatton.com | alectatton.com | Salt Lake City, UT

OBJECTIVE

Full-stack software engineer with 5 years of experience delivering high-quality web applications and APIs

SKILLS

Languages & Frameworks PHP, Go, Laravel, JavaScript, TypeScript, Vue, HTML/CSS, Python, Node.js

Platforms & Practices AWS, REST, Git, Test-Driven Development, Docker, SQL, Linux, Technical Writing

EXPERIENCE

Senior Software Engineer

Cox Automotive (Formerly Fyusion)

May 2024 - Current

Remote

Tech-stack: Go, PHP, TypeScript, AWS, Docker, MySQL, DynamoDB

- Develop and maintain RESTful APIs that power Cox Automotive's AI-driven vehicle imaging technology
- Implemented improvements to key API endpoints that improved average response time by over 90%
- Led an initiative to modernize authentication systems for a legacy API, which led to enhanced security and an improved user experience
- Architected and built a Go API using AWS Lambda functions for processing ML-driven computer vision workloads

Software Engineer II

TechnologyAdvice

August 2021 - April 2024

Remote

Tech-stack: Laravel, PHP, Vue, TypeScript, HTML, CSS, AWS, Node, Docker

- Designed, developed, and maintained web applications for a leading B2B technology marketing company.
- Implemented a Machine Learning model to increase the accuracy of an internal job title mapping tool by over 50%, including conducting user research and user testing.
- Played a pivotal role in upgrading our front-end from Vue 2 to Vue 3, including building new components for use across dozens of repositories, replacing outdated packages, and writing migration guides.
- Identified and resolved high memory usage in key service, reducing resource usage by 30%, improving performance and lowering costs.

EDUCATION

Bachelor of Science: Computer Science Western Governors University

2021

Bachelor of Science: Mechanical Engineering Southern Utah University

2020