

Ashley E. Stallings

Remote - Mississippi 38671 | aesdev421@gmail.com

Related Skills

- 8+ years of professional software engineering experience utilizing Go, Typescript, and C#
- Enjoys crafting solutions that emphasize clean, maintainable code
- Eager to take ownership of core functionality and lead from design to release

Professional Experience

Go Backend Software Engineer

Zillow / Dec 2022-Current

- Led the development of numerous financial automation tools using Go, Protobuf, and event-driven architecture, resulting in over 1000 hours saved per month in manual effort for accountants
- Onboarded over 100 microservices into Datadog APM, significantly improving the team's ability to trace the distributed architecture
- Contributed to the team's testing strategy by increasing coverage for legacy microservices, raising coverage from 0 to at least 50%
- Utilized Terraform to automate AWS resources, streamlining operations and improving efficiency
- Implemented Redis caching in services to reduce bottlenecks for microservices communication

Go / AWS / Protobuf / Postgres / SQS / S3 / Redis / Terraform / Datadog / Microservices

Senior .NET Backend Software Engineer

Zip Co/Oct 2020-Dec 2022

- Led Zip's Compliance engineering effort, paving the way for \$72M in TTV by enabling new regulated (KYC) products. Led 7 engineers across 3 teams to design and implement new compliance features while also working with stakeholders.
- Pioneered real-time, event-sourced Fraud Detection microservice saving over 200k/month in fraud disputes. Involved designing an architecture to be parallelized between 5 engineers.
- Increased underwriting approval rates from 0% to 96% for new customers with no credit history by designing and implementing a new identity verification flow using "selfie" identification.
- Mentored 3 junior engineers and onboarded 6 new engineers. Incorporated junior engineers in every feature I designed by identifying level appropriate work to assign.

C# 9 / .NET 6 / Event Sourcing / SQL Server / MediatR / Azure Service Bus / Datadog / Test Driven Development/ Microservices

.NET and JavaScript Full Stack Software Engineer

International Paper/June 2016-Oct 2020

- Utilized C# web API and Angular to build inventory management and rail management solutions
- Built backend REST APIs and JavaScript front ends to power cross platform applications for sales reps to manage their customers
- Received Highlighting Innovation award and spoke at Innovation Summit for a POC chatbot app

C# 7 / .NET 4.6 / JavaScript / Domain Driven Design / Angular 8 / SQL Server / MediatR / Autofac / Fluent Validation / RabbitMQ / Microservices

Education

Mississippi State University Bachelor of Science in Computer Science - GPA: 3.95/4.0

May 2016