Ahmad Zaidi

ahmad_zafar@outlook.com | 4z41d1.xyz.com | github.com/azaidi4 | Dubai, UAE

Summary

Software Engineer with 3+ years of diverse full-stack experience in fintech startups, specializing in frontend development, feature design, and cross-team collaboration.

Skills

Frontend: React, React-Native, TypeScript, Blazor, Sass, CSS, Webpack, D3.js
Backend: Ruby, Go, Python, Node.js, PHP, C#, Java, PostgreSQL, SQL, Redis, Kafka, AWS, Firebase

Experience

Software Test Engineer, Fusion Systems and Services – Chicago, IL   Mar 2023 – July 2023
- Migrated Risk, Clearing and Data pipelines to cloud environments while ensuring data integrity.
- Maintained in-house Integrated Test Automation System built with Python, Java and Kafka.
- Improved system reliability by analyzing and reporting data anomalies, reducing operational risk.

Software Engineer I & II, Amount – Chicago, IL   Mar 2021 – Mar 2023
- Built configurable origination solutions for financial institutions using React+Typescript and Ruby.
- Launched Unsecured Loan and Credit Card greenfield initiatives, increasing client acquisition by 20%.
- Drove key implementation decisions as a **frontend** codeowner, enhancing code quality and standards.
- Implemented **backend** business logic in Ruby, aligning server operations with business requirements.
- Reduced bug resolution time by 40% while co-managing bug-squashing squad.
- Onboarded and mentored 11 new hires, accelerating development and boosting team productivity.
- Improved team efficiency by establishing a centralized knowledge base with development best practices.
- Upgraded system capability by integrating third-party vendor SDKs for identity verification, credit reporting, and performance monitoring.
- Supported data projects, resolved bugs in ETL pipelines and remediated 10,000+ users.

Software Engineer Intern, DataChat – Madison, WI   May 2019 – Mar 2020
- Developed an optimized **frontend** with React+Redux for a no-code analytics platform.
- Created REST endpoints in Go **backend** for seamless client-server communication.
- Integrated structured logging with Zap for better log ingestion and quicker bug detection.
- Built Single sign-on (SSO) authentication into the platform, reducing login time by 90%.
- Stopped unauthorized use by introducing a secure licensing mechanism with digital signatures.
- Shortened sprint cycles by developing an automated end-to-end testing solution in Cypress.

Projects

ingrEZ | Generative AI - *Gemini, Blazor, .NET, Algolia, MariaDB*   GitHub
- Ingredient-based recipe suggestor and meal planner powered by GenAI.

Footy Head | Web - *React, Phaser, Matter.js, Colyseus, SQLite*   GitHub
- Soccer based 2D multiplayer game in TypeScript with mitigations for user latency.

Driver Log Book | Web - *PHP, JS, MySQL*   Demo
- Server-Side-Rendered web app made with vanilla PHP for logging driving trips.

Vulture | Bot - *HTML, MUI-CSS, Express, Puppeteer, Outlook API*   GitHub
- Automated web bot that subscribed to my email and picked up shifts for my job at university.

UW Rate-'Em! | Native - *React Native, Expo, Firebase, Algolia*   GitHub
- Cross-platform app for UW Madison students to rate courses with real-time search indexing.

Go License Server | Server - *Go, Gorilla, Postgres, xo*   GitHub
- Platform-agnostic digital license server template for software applications.

Education

University of Wisconsin–Madison – BS in Computer Science   May 2020