

# Ahmad Zaidi

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## 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.
- Integrated Kafka messaging queue in Python to streamline test data transfer to Java scheduler.
- 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.
- Transformed raw data inputs from analytics engine using NumPy and pandas to create visualizations.
- 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