Ammar Githam

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Skills

Languages: JavaScript, TypeScript, Python, Java, Kotlin, Ruby
Frameworks/Libraries: React, Next.js, Django, Spring, Ruby on Rails, Tailwind CSS
Databases: PostgreSQL, MySQL, SQLite
Tools & Platforms: Docker, AWS, GitHub Actions, GitLab CI/CD

Experience

Fusion Systems Japan Co. Ltd.   Software Developer (Jan 2018 – Present)

- Developed an inventory management app using Next.js, Tailwind CSS, Auth.js (NextAuth), with dynamic form generation, client-side Zod validation; reducing the time spent on inventory workflows by 80%.
- Migrated a restaurant business app from Spring to React with Redux and Django back end, improving performance by 25%, and significantly improving user experience.
- Migrated the front end of an admin panel from Thymeleaf to React, adding real time analytics dashboard, and improved user management.
- Rewrote the front end of a FIX protocol testing tool from Mustache templates and jQuery to Vue.js, decreasing build size by 85%, improving performance and user experience.
- Maintained several client-facing Django apps, adding features, resolving bugs, and participating in architectural decisions and code reviews.
- Created multiple Ruby on Rails plugins to extend functionality, including financial trend visualization using Chart.js and an automation workflow to generate financial operations from invoices and expenses.
- Containerized a Rails app and used GitLab CI/CD to automate the Docker builds and deployments.

Oracle Financial Services Software Ltd.   Associate Consultant (Jan 2013 – Dec 2017)

- Led development of a JSP & Servlets testing tool used across QA teams for validating Oracle FLEXCUBE, the company's core banking platform.
- Designed and implemented 14 new modules, refactored execution logic to support asynchronous processing, improving performance and stability by 60%.
- Provided ongoing support and feature enhancements to align the tool with evolving testing needs.
- Mentored new team members, ensuring smooth on-boarding and knowledge transfer.

Projects

KanaCanvas – github.com/ammargitham/kana-canvas

- Web app built using Next.js and Tailwind CSS to help learners practice Japanese Kana handwriting.
- Features stroke order animations and real handwriting examples to support accurate writing practice.

Wallflow – github.com/ammargitham/wallflow

- Android wallpaper app built using Jetpack Compose and Material Design 3, optimized for phones, tablets and foldable devices.
- Pulls wallpapers from wallhaven.cc and Reddit, providing a seamless browsing and setting experience.

Education

University of Mumbai, India – Bachelor of Computer Engineering   May 2012