Feroz Ali Khan

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SUMMARY

Full-stack engineer skilled in **React, Next.js, TypeScript, Node.js**, and serverless cloud systems. Builds production-ready SaaS features across frontend, backend, authentication, payments, AI, and geospatial workflows. Experienced with **GCP**, **AWS Lambda, Firebase, PostgreSQL, Docker, CI/CD**, and modern DevOps practices.

EXPERIENCE

Voulay | *Full-Stack Engineer (Intern → Full-Time)*   *Jan 2025 - Present*

Node.js · TypeScript · AWS Lambda · Firebase Functions · Stripe · Puppeteer · Twilio · Serverless · CI/CD

- Built secure **REST APIs** and modular backend services for gifting, cohorts, affiliate flows, wallets, and dynamic link association.
- Developed event-driven **affiliate billing** using **Stripe Webhooks + AWS Lambda**, reducing payment failures by **30%** and supporting 3 user tiers.
- **Integrated Twilio SMS messaging** for real-time gift delivery, enabling seamless onboarding and claim flows for recipients.
- **Automated seller discovery pipeline with Puppeteer**, cutting manual outreach workload by 40% and enabling faster onboarding of affiliate partners.
- **Delivered CI/CD automation** using GitHub Actions for linting, tests, and automated deployments to Firebase + AWS environments.

PROJECTS

HalalHub | *Full-Stack Developer* | [[GitHub]](#)   *Jan 2025 – Present*

React · Node.js · Express · PostgreSQL · Firebase · OpenAI · Google Places API

- **Developed a location-based discovery platform** serving the Muslim community with verified halal restaurant discovery and food options in real time.
- Engineered **TypeScript** backend APIs for pagination, categories, generative summaries, and integration with Google Places Text Search v1.
- **Integrated Google Maps API features,** including geofencing, reverse geocoding, and drag-to-search to enhance interactive map functionality.
- Added **AI-powered generative summaries** using OpenAI to convert raw Places data into user-friendly insights.

BuyBox | *Mobile Developer* | [[GitHub]](#)   *Oct 2023 – Aug 2024*

Flutter · Dart · Firebase · Google Maps API

- **Built a cross-platform mobile marketplace app** enabling users to buy and sell pre-owned vehicles with real-time search and filtering.
- **Integrated Firebase authentication and secure chat**, supporting seamless buyer–seller interactions with push notifications to drive engagement.
- Implemented location-based filtering and price comparison features, improving user experience by **30%**.

TECHNICAL SKILLS

- **Languages:** C/C++, JavaScript, TypeScript
- **Frontend:** React, Next.js, TypeScript, TailwindCSS
- **Backend:** Node.js, Express, REST APIs, AWS Lambda, Firebase Functions
- **Databases:** PostgreSQL, Firestore
- **DevOps & Cloud:** Docker, GitHub Actions, AWS (Lambda, API Gateway, IAM), Firebase
- **Other:** Stripe, OpenAI API, Google Maps/Places API, Puppeteer, Twilio

EDUCATION

California State University, Chico   *May 2025*

- **Bachelor of Science in Computer Science**   **GPA:** 3.5
- **Related Coursework:** Data Structures & Algorithms, AI, Cyber Security, Operating Systems, Parallel Programming