

SYED AFFAN

718-801-0785 sydaffn@gmail.com linkedin.com/in/syed-affan github.com/affan880

Experience

Software Engineer & AI Engineer

April 2024 – Present

Freelance / Independent

Remote

- Built **DuckPilot**, a browser-based data analytics tool using DuckDB-WASM and OpenAI. Enabled natural language to SQL querying with fallback handling and WebWorker-based large file support.
- Developed **Plexar**, a productivity assistant integrating Gmail, Calendar, and Tasks via AI summarization (Cohere). Managed OAuth, state sync (Zustand/MMKV), and React Native flows.
- Led CI/CD and DevOps for **FinTrack**, a collaborative finance tracker. Deployed backend to AWS EC2, frontend to S3, and built CI/CD using GitHub Actions and Docker.
- Focused on developer experience, building performance-optimized systems using TypeScript, Python, and modern web tooling.

Nordstone

November 2023 – March 2024

Jr. Software Developer

Remote

- Built a mobile application for PokerBox using React Native for both Android and iOS devices.
- Created a dashboard helping users make faster, more confident decisions during live sessions.
- Improved API performance by reducing response time from 10s to 4s through smart caching and database indexing, resulting in a smoother in-app experience.
- Developed in-app calculators for win probability and chip value, reducing user confusion and support tickets while increasing session duration across both platforms.

Texlaculture

January 2023 – June 2023

Technology Intern

Remote

- Took ownership of key frontend development tasks for a mobile HR app using React Native.
- Built core features of the app including auth system, leave management, and attendance tracking currently being used by more than 1000 employees.
- Helped define the architecture for core app modules, ensuring scalable and maintainable code structure.
- Turned over 15 feature ideas and client requests into detailed technical plans, helping the team build and ship faster.

Projects & Open Source Contributions

OMI - Wearable AI (Github) | *Node.js, OpenAI API, LangChain, Gmail API, Supabase*

June 2025

- Built two AI-powered voice apps for OMI's platform; awarded a \$600 developer bounty among global contributors.
- Email Assistant App: Enabled smart email drafting with recipient prediction via Gmail API & OpenAI.
- Deck AI App: Converted user prompts into presentation slides using LangChain and generated trackable links.

Plexar - Productivity Platform (Website, Github) | *Gmail API, Calendar API, NodeJs*

April 2025 - Present

- Built a productivity app with AI-based task/email handling using React Native, Firebase, and Gmail API.
- Integrated Gmail and Calendar APIs to automatically generate actionable tasks from incoming emails and scheduled meetings.
- Designed an AI assistant that understands user intent and proactively suggests reminders, summaries, and follow-ups.

Academic Ally – Productivity App (Play Store) | *React Native, TypeScript, Firebase, Open AI*

December 2024

- Developed a React Native app to assist Indian students with planning, resources, and scheduling.
- Achieved 1000+ installs on Play Store; included real-time sync, push notifications, and Google Calendar integration.

Education

St. Francis College

January 2024 – August 2025

Master's in Information Technology Management

Brooklyn, New York

Technical Skills

Languages: JavaScript, TypeScript, HTML5, CSS3, Python, Java, SQL

Frameworks & Libraries: React, React Native, Node.js, Express, Tailwind CSS, NativeWind, Zustand, Redux Toolkit

Mobile Development: React Native CLI, Expo, MMKV, Reanimated, Gesture Handler

Backend & APIs: Firebase, Supabase, PostgreSQL, MongoDB, REST APIs, OAuth 2.0

AI & NLP: OpenAI API, Cohere AI, LangChain

DevOps & Tools: Docker, GitHub Actions, Act, Git, npm, ESLint, Prettier