

Mohammed Abdullah Khan

mohammedabdullahkhan26523@gmail.com | +91 6301793703
mohammedabdullahkhan.com | github.com/Mak-3 | linkedin.com/in/mohammed-abdullah-khan-7b82a31a5/

Professional Summary

Software Engineer with 3+ years of experience building production-grade mobile, full-stack, and AI-native applications using React Native, Next.js, TypeScript, and Node.js. Experienced in developing agentic systems, tool-enabled AI agents, MCP integrations, and AI-driven development workflows. 3x AWS Certified with a strong foundation in data structures, system design, API-driven architectures, and scalable software development.

Skills

AI & Agentic Systems: Agentic AI, LLMs, AI Agents, Tool Calling, MCP, OpenAI Agents SDK, LangChain, Vector Databases, Claude Code, Claude Agent Skills

Languages: TypeScript, JavaScript, Python, SQL

Backend & Databases: Node.js, Express.js, REST APIs, PostgreSQL, MongoDB, Supabase, Firebase, SQLite

Frontend: React.js, React Native, Next.js, Tailwind CSS, Redux, Framer Motion

Tools & Practices: Git, GitHub, Expo, Jest, Postman, CI/CD, Agile, Accessibility, Unit Testing

Work Experience

Wavemaker, Hyderabad

Development Engineer

April 2025 – Present

- Driving the team's shift to AI-native development by building an agentic widget-enhancement pipeline that consumes Jira tickets, launches previews, reproduces issues, generates and applies code changes, runs regression checks, and surfaces an approval report through an 8-step workflow, reducing development time by 80% and regressions by 70%.

Associate Software Engineer

May 2023 – Mar 2025

- Redesigned chart widgets in React Native using Victory, resulting in a 25% increase in user engagement and a 15% boost in customer satisfaction.
- Led Expo SDK migrations from v49 to v52, resolving compatibility issues, reducing application crashes by 25%, and improving build performance by 20%.

Development Intern

Jan 2023 – May 2023

- Explored and implemented low-code development workflows to accelerate feature delivery, reduce boilerplate code by 40%, and built a stock market paper trading simulator with real-time portfolio tracking and interactive analytics.

Education

Sreyas Institute of Engineering and Technology, Hyderabad

Jun 2019 – Aug 2023

B.Tech in Computer Science and Engineering

CGPA: 7.86/10

Relevant Coursework: DSA, Operating Systems, Computer Networks, OOP, Databases, Machine Learning

Projects

FeatureDeck | Next.js, TypeScript, Supabase, PostgreSQL, MCP

Mar 2026

- Built and shipped a full-stack SaaS platform for collecting and prioritizing customer feedback, with authentication, RBAC, public roadmaps, and real-time updates.
- Built a hosted MCP server enabling AI agents to query and act on customer feedback via natural language, making the platform natively consumable by agentic tools.

Dukaandaar Bot | TypeScript, OpenAI Agents SDK, Telegram, SQLite

Jul 2026

- Built a Telegram-based conversational agent that runs an Indian kirana store end-to-end (inventory, GST billing, khata credit, day-close) with 23 typed tools orchestrated over an agentic control loop, no admin panel or intent router.
- Designed transactional stock and billing guardrails (oversell checks, idempotent finalize, GST-correct rounding) and on-demand PDF invoice and PPTX report generation from live tool calls.

Achievements

- Recipient of the **Young Achiever Award 2024** for driving innovation and delivering high-impact product features.
- Solved 700+ algorithmic problems across LeetCode, CodeChef, and Codeforces, covering dynamic programming, graphs, trees, greedy algorithms, and data structures.

Certifications

- AWS Certified Solutions Architect Associate (SAA-C03) — 2026
- AWS Certified AI Practitioner (AIF-C01) — 2026