Taksh Shah

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Summary

Final-year B.Sc. IT student with six plus month of internship experience in software development, primarily focused on frontend and mobile application development. Started with web technologies and later transitioned to React Native development based on project needs. Experienced in building production-grade mobile UIs, integrating REST APIs, and implementing role- and permission-based access systems. Aspiring backend developer with a strong learning mindset and interest in scalable system design.

Technical Skills

- **Languages:** HTML, CSS, JavaScript, Python, Java
- **Frontend:** React.js, Responsive Web Design
- **Mobile:** React Native, Expo
- **State Management:** React Query, Zustand
- **Tools:** Git, Firebase Cloud Messaging, Sentry

Education

Faculty of Computer Application & Information Technology (FCAIT), GLS University
2023 – Present
Bachelor of Science in Information Technology (B.Sc. IT), CGPA: 8+

Navchetan High School, GSEB   2022
HSC – Science (B Group), 62%

Sarvayogam School, GSEB   2020
SSC, 85%

Experience

Software Development Intern   Jul 2025 – Present

- Started as a web development intern, contributing to frontend features using HTML, CSS, and JavaScript.

- Transitioned to React Native mobile development based on evolving project requirements.

- Focused primarily on frontend implementation, translating business workflows into functional mobile UI screens.

- Integrated REST APIs for data consumption, state updates, and frontend-side error handling.

- Collaborated closely with backend developers to align API contracts, resolve integration issues, and improve stability.

- Followed Git-based version control workflows and worked in an agile development environment.

Projects

GTS Mobile – Gas Transportation System (React Native App)

- Developed the frontend of a production-grade React Native mobile application used for CNG logistics and operations.

- Initially implemented a role-based UI architecture and later refactored it into a fine-grained permission-based system to support dynamic screen and feature access within a single app build.

- Designed and implemented complex frontend workflows including driver journeys, station filling and decanting wizards, dashboards, and approval flows.

- Consumed REST APIs and SCADA system APIs to display automated gas meter readings and operational data.

- Implemented efficient server-state management using React Query and global UI state using Zustand.

- Integrated Firebase Cloud Messaging (FCM) for real-time notifications and deep linking into role-specific workflows.

- Implemented frontend-side error monitoring using Sentry to improve stability and production issue visibility.

Tech Stack: *React Native, Expo (SDK 54), JavaScript, React Query, Zustand, Firebase FCM, SCADA APIs, Sentry*