

Profile Summary

Tech enthusiast with practical experience in mobile app development, automation, and UI performance optimization. Proficient in Flutter, Java, and Selenium, with a strong focus on building scalable, user-centric solutions. Skilled in designing and implementing modular architectures, and experienced in working within Agile teams to deliver high-quality, maintainable software. Adept at bridging functionality and design, ensuring seamless user experiences and robust back-end integration.

Experience

In22Labs | Junior Mobile Application Developer | Dec 2022 - Mar 2024

- Developed and implemented mobile applications with enhanced performance and smoother UI/data management.
- Reduced app load time by 20% through optimization techniques.
- Refactored outdated code and replaced deprecated packages to align with current standards.
- Reduced crash rate by 10% by improving code stability and error handling.

SKILLS

Languages	Frameworks		Tools	Concepts
• Java	• Flutter	• BDD Cucumber	• Selenium	• OOPS
• Python	• Selenium	• JMeter	• Postman	• Agile Methodology
• SQL (MySQL)	• TestNG	• Rest Assured	• Maven	• Regression Testing
• JavaScript	• JUnit		• Jira	• API Testing
• HTML/CSS	• Appium		• GitHub	• STLC
• JSON			• Bit Bucket	• SDLC

Projects

In22Labs | May 2023 - Mar 2024 | Junior Mobile Application Developer

Project: BloodBank

Description: BloodBank is a mobile application developed using Flutter and Java to streamline the process of connecting blood donors with recipients across India. The app offers real-time donor matching based on blood group and location, integrated communication via WhatsApp and calls, profile customization, and digital recognition for donors. Its intuitive design and modular architecture enable a faster and more reliable response during medical emergencies.

Roles and Responsibilities

- Built scalable and responsive UI with Flutter for cross-platform usability.
- Designed modular components for donor registration, search, and communication.
- Enabled geolocation-based donor discovery and filtering.
- Implemented secure WhatsApp and phone call triggers within the app.
- Developed certificate generation feature to appreciate donor participation.
- Supported location pinning and donor availability scheduling.
- Handled asynchronous data flow for dynamic updates and notifications.
- Applied token-based authentication for user sessions and role access.
- Focused on intuitive UX to minimize friction during critical use cases.
- Followed MVVM architecture to enhance maintainability and testability.
- Conducted functional testing on donor request workflows.
- Optimized performance for real-time data rendering and offline fallback.
- Delivered an end-to-end solution that connected nationwide users.

Project: Greater Chennai Corporation School Attendance

Description: The GCC School Attendance App is a mobile application developed for the Greater Chennai Corporation to digitize and streamline attendance management across its schools. Designed with the specific needs of educational administrators, headmasters, teachers, and staff in mind, the app ensures efficient and accurate logging of daily attendance.

Roles and Responsibilities

- Developed Flutter-based UI screens for role-specific modules including students, teachers, and headmasters.
- Integrated secure backend APIs using Java to sync attendance data with centralized servers.
- Built real-time attendance features such as “Today’s Status,” “My Attendance,” and summary dashboards.
- Implemented attendance marking with status categories like Present, Absent, Late, and Excused.
- Created modular structures to support scalable deployments across multiple schools.
- Developed headmaster tools to manage teacher attendance and institutional leave settings.
- Ensured intuitive navigation and fast loading times for improved user experience in school environments.
- Applied encryption protocols to secure sensitive attendance and user data.
- Conducted testing and validation of attendance workflows across different user roles.
- Collaborated with cross-functional teams to align features with administrative reporting requirements.

In22Labs | Dec 2022 - May 2023 | Android Application Developer

- CCE Internship preparation mobile Application
- Easy English Learning Mobile Application
- Department of Social Defense (Govt) Mobile Application
- Private Job Portal (Govt) Mobile Application

Roles and Responsibilities

- Optimized protocols and applications of the products with rewriting deprecated code.
- Performed bug fixes on pre-release applications with manual testing.

SOFT SKILLS

- Logical Thinking
- Problem Solving
- Effective Communication
- Creativity

ACHIEVEMENTS

Rotaract Club of Crescent University| 2019-2021

Associate Director of Community Service Division

EDUCATION

BSA Crescent University | 2018-2022

Bachelor of Technology Computer Science and Engineering

DECLARATION

I solemnly affirm that all details stated herein are accurate and complete to the best of my knowledge.