

PARTH DARJI

linkedin.com/in/parth-darji | +91 9925709977 | parthdarji2961@gmail.com | github.com/parth-darji

SUMMARY

Software Engineer with **3+ years of experience** designing and building high-quality, performant mobile applications. Experienced in developing engaging user experiences with Flutter, including animations, custom widgets, responsive UI, and state management (BLoC, Riverpod, Provider, GetX, MobX). Skilled in mobile architectures (MVC, MVVM, Clean Architecture), unit testing, and backend integration with Node.js, Firebase, and Supabase. Passionate about delivering reliable, scalable apps that enhance user experiences, collaborating with cross-functional teams, and continuously learning new technologies. Open to remote and global opportunities, including relocation and visa sponsorship.

SKILLS

- **Mobile Development:** Dart, Flutter, BLoC, Provider, Riverpod, MobX, GetX, Custom Widgets, Animations, CustomPainter, Responsive UI, UI/UX, Navigation & Routing, Theming, Unit & Widget Testing, Performance Optimization, SwiftUI, Android (Kotlin & Java)
- **Architecture & Patterns:** Clean Architecture, MVC, MVVM, OOP, TDD (Test Driven Development)
- **Backend & Cloud:** Node.js, Firebase, Supabase, Socket.io, AWS Amplify
- **Tools & DevOps:** Git, VS Code, Xcode, Android Studio, Codemagic, CI/CD

EXPERIENCE

Software Engineer, Selcom

Dec 2022 - Current

- Solved a high-severity crash caused by **4K/8K** image payloads from the admin side. Collaborated with backend to enforce image compression standards, stabilized the entire user module and prevented costly app exits and store rating drops.
- Boosted app performance by **50%** and reduced **crashes by 99.98%** by upgrading Flutter from **1.22.0 to 3.3.7**, enhancing stability and user retention across all devices, including low-end phones and flagship models.
- Secured payment APIs using **AES and RSA** encryption and introduced sequential token-based validation. Strengthened user trust in digital payments, reducing fraud risks and aligning with fintech security best practices.
- Implemented Codemagic CI/CD pipeline, reducing build time from **30 minutes to just 3 minutes**. Also developed a password-protected “**Testing Doors**” debug tool with live environment switching (staging, pre-live, production), cutting backend support interruptions by **60%** and accelerating QA cycles.
- Resolved severe lag and crash issues in a high-load grocery screen with **30+** categories and **1,500+** items. Optimized widget rendering and memory management, significantly improving performance during shortcut-based navigation and delivering a smooth, crash-free user experience.
- Integrated Apple Wallet & Google Wallet for digital tickets by creating secure, signed .pkpass files using **Node.js** and implementing **OAuth2** via Google Workload Identity Federation, enhancing user convenience and ecosystem reach; additionally, integrated Firebase Analytics and targeted push notifications, driving a **30% increase** in app downloads within **3 months** through data-driven marketing campaigns.
- Reduced rider app data usage from **450MB in 37 minutes to under 6MB/day** by investigating abnormal network consumption using network tools, identifying oversized backend broadcast events, and collaborating with backend team to optimize payload delivery.

Software Engineer, OneClick IT Consultancy

Jun 2022 - Nov 2022

- Optimized performance of a **Flutter Web app** for Black&One to run on low-spec smart TVs by reducing load time by **3×** and cutting memory usage by **60%**, ensuring smooth playback on devices with <1GB RAM.
- Played a key role in WHO’s Terramar Freestyle II by resolving **25+ critical bugs** and implementing essential features, significantly improving app stability and reliability for global health logistics teams.
- Integrated **BLE** support and implemented smart alert features in LOBA, a pillbox reminder app, leading to a **35%** improvement in medication adherence through timely notifications and feedback cues.
- Worked on Maragoo Lifeline, a Flutter-based **IoT** project with BLE wristband integration for elderly **fall detection**; developed both the responsive carer app and admin web portal, gaining hands-on experience with Flutter Web, GetX, URL routing, middlewares, and real-time health monitoring features.
- Transformed Breslev’s user experience by optimizing responsive design and adaptive video playback, resulting in a **25% rise** in user retention for the Hebrew spiritual content app.

Software Engineering Intern, OneClick IT Consultancy

Jan 2022 - May 2022

- Gained cross-functional insight into company structure by shadowing project managers, leads, and BAs, improved communication, task estimation, and delivery awareness, aligning tech output with business goals.
- Developed OneClick Buzz from scratch, covering WBS planning, Figma design, and feature implementation including silent-mode override buzz, location tracking, and real-time chat.

EDUCATION

Bachelor of Engineering (B.E.) in Computer Engineering

Aug 2018 - May 2022

Gujarat Technological University | Ahmedabad, India | CGPA: **8.26/10**

- **Coursework:** Programming for Problem Solving, Data Structures & Algorithms, Database Management Systems, Operating System, Object Oriented Programming, Mathematics I & II, Computer Networks, Software Engineering, Mobile Application Development, Artificial Intelligence