PARTH DARJI

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

SUMMARY

Software Engineer with **3+ years of experience** building high-performance mobile and backend applications. Skilled in Flutter, SwiftUI Node.js, Firebase, and Supabase, with expertise in scalable architectures, state management, and optimizing app performance. Proven success in enhancing user retention, reducing crashes, and improving CI/CD efficiency. Open to global opportunities and relocation.

SKILLS

- **Mobile Development:** Dart, Flutter, BLoC, Provider, Riverpod, MobX, GetX, Custom Widgets, Animations, CustomPainter, Responsive UI, UI/UX, Navigation & Routing, Theming, Unit, Widget & Integration Testing, Performance Optimization, RESTful API Integration, JSON, Futures, Streams, Dart DevTools, Platform Channels, iOS Development (SwiftUI), Android Development (Kotlin & Java), App Store & Play Store Release Management (versioning, signing, publishing)
- **Architecture & Patterns:** Clean Architecture, MVC, MVVM, OOP, TDD (Test Driven Development), SOLID Principles, Design Patterns
- **Backend & Cloud:** Node.js, Firebase (Firestore, Authentication, FCM, Analytics, Remote Config, Cloud Functions), Supabase, GraphQL, Socket.io, WebSockets, AWS Amplify
- **Tools & DevOps:** Git, GitHub/GitLab, VS Code, Xcode, Android Studio, Codemagic (CI/CD), Docker, Agile/Scrum Workflows

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.
- Enhanced product growth with Firebase Analytics and push notifications, increasing app downloads by **12,000 within 3 months**, while improving efficiency by cutting build time from **30 to 3 minutes** and **saving 30 to 60 minutes daily** through Codemagic CI/CD and a secure environment-switching debug tool.
- Fixed major lag and crashes on a high-load grocery screen **(30+ categories, 1,500+ items)** by optimizing widget rendering and memory management, ensuring smooth, crash-free navigation.
- 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.
- 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 Blackk&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 less than 1GB RAM.
- 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 IoT project with BLE wristband for elderly fall detection; developed responsive carer app and admin web portal, using Flutter Web, GetX, URL routing, middlewares, and real-time health monitoring.
- Contributed to WHO's Terramar Freestyle II by fixing **25+** critical bugs and adding stability features to improve reliability, while enhancing Breslev (Hebrew Spiritual App) with responsive layouts and adaptive video playback to boost user retention.

Software Engineering Intern, OneClick IT Consultancy   **Jan 2022 - May 2022**

- Gained cross-functional insight into company structure by shadowing PMs, leads, and BAs, improving communication, task estimation, and delivery alignment with business goals, while developing OneClick Buzz from scratch with WBS planning, Figma design, and features 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