

# TUSHAR CHADHA

Senior Mobile Engineer | Flutter • Swift • Go • gRPC

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## PROFESSIONAL SUMMARY

Product-focused Mobile Engineer with 4+ years of experience building and scaling cross-platform applications using Flutter and native iOS (Swift). Strong backend integration expertise with Go and gRPC, enabling high-performance, production-grade systems. Experienced in owning end-to-end product development from architecture and API contract design to deployment and performance optimization. Comfortable working in fast-moving startup environments with high ownership and cross-functional collaboration.

## CORE SKILLS

**Mobile Development:** Flutter, Dart, iOS (Swift), Cross-Platform Architecture, Android **Architecture & Design Patterns:** Riverpod, BLoC, MVVM, Clean Architecture, Modular Design **Backend & APIs:** GoLang, gRPC, REST APIs, API Contract Design, SQL **DevOps & Tools:** AWS, CI/CD, Git, JIRA, Deployment Automation **Performance & Optimization:** App Optimization, Frame Rendering Performance, Network Efficiency, Crash Monitoring

## PROFESSIONAL EXPERIENCE

### Software Engineer

Misfits Communities (Product-Based Startup) | Gurgaon, India (Remote)

March 2024 – Present

- Own development of cross-platform mobile features using Flutter with selective native iOS integrations in Swift
- Architected scalable UI modules and state management flows to improve maintainability and feature velocity
- Led backend integration using gRPC-based APIs built in Go, optimizing request handling and improving response performance
- Refactored legacy state management to modern architecture patterns for improved code reliability
- Collaborated directly with product and design teams to translate business requirements into scalable mobile solutions
- Contributed to performance tuning, reducing UI lag and improving app responsiveness across device tiers

### Mobile Engineer (Remote)

Multiple Clients | India

December 2022 – March 2024

*Delivered multiple product-grade mobile solutions in parallel across ed-tech, wellness, and SaaS domains*

#### Peace App – Mental Wellness Platform (Sole Mobile Engineer)

- Independently architected and launched a full-scale cross-platform mental wellness application for iOS and Android
- Designed scalable app architecture using BLoC and MVVM patterns for modular feature expansion
- Defined API contracts and integrated backend services via gRPC and Go-based systems
- Managed full product lifecycle including requirements, UX decisions, implementation, testing, and App Store deployment
- Optimized UI rendering and reduced performance bottlenecks on lower-end Android devices

#### Maishaa – Admin and Dashboard Platform

- Led development of mobile dashboards and admin systems using Flutter
- Guided backend API architecture using Go and gRPC for scalable communication between web and mobile platforms
- Migrated infrastructure from cPanel to AWS, improving system reliability and scalability
- Ensured platform stability through performance improvements and structured deployment processes

## **HiCollege – EdTech Platform**

- Built and optimized Flutter-based mobile applications with native iOS enhancements
- Integrated REST and gRPC APIs with focus on efficient state handling and UI responsiveness
- Participated in agile sprints with cross-functional teams to deliver production-ready features

## **Flutter Developer and UI/UX Engineer**

CarPortal | Ghaziabad, UP

*February 2022 – November 2022*

- Designed and developed cross-platform automotive applications using Flutter
- Implemented native iOS features in Swift where required for performance-critical flows
- Created intuitive UI/UX flows backed by user research to enhance user engagement
- Delivered responsive layouts optimized for various device sizes and performance tiers

## **KEY ACHIEVEMENTS**

- Built and deployed multiple production-grade mobile applications from scratch
- Experience working as sole technical owner in early-stage product environments
- Deep understanding of API-driven architectures and mobile-backend contract design
- Strong focus on performance optimization and scalable code structures
- Experience handling parallel client engagements with end-to-end ownership

## **EDUCATION**

### **Master of Computer Applications (MCA)**

Vivekananda Institute of Professional Studies, GGSIPU

2022 – 2024 | GPA: 8.14

### **Bachelor of Computer Applications (BCA)**

Vivekananda Institute of Professional Studies, GGSIPU

2019 – 2022 | GPA: 8.74