

HEMANT SHARMA

Technical Lead – Mobile Applications (Flutter / Android)

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Professional Summary

Mobile Application Technical Lead with over eight years of experience specializing in Flutter and Android development; led end-to-end projects for clients such as Fish Finder and Fit + Studio Republik. Achievements include improving app performance by 40-50% through architectural refactoring and reducing production crashes by 30% using Firebase Crashlytics. Recognized as a Star Performer in Q2 2025 for outstanding project contributions.

Core Skills

Languages: Dart, Kotlin, Swift (working knowledge), Java, Python

Flutter: Riverpod, BLoC, Dio, Socket.IO, Hive, Freezed, Shorebird, Stripe, Platform Channels

Android: Jetpack Compose, Hilt, Koin, Room, Retrofit/Ktor, Coroutines, Kotlin Multiplatform

Architecture: MVVM, Clean Architecture, Offline-First Design, Service Oriented Architecture

Backend & AI: Firebase, FastAPI, REST APIs, OpenAI integration, RAG, YOLO, ML model integration

DevOps & Testing: CI/CD, Azure DevOps, GitHub Actions, Fastlane, Unit/Integration Testing

Tools: Android Studio, Xcode, Git, Crashlytics, Flutter DevTools

Leadership: Technical Leadership, Team Mentoring, Code Reviews, Agile/Scrum, Stakeholder Management

Professional Experience

Technical Lead – Mobile Applications

Eventtan Pvt. Ltd., Ahmedabad | Jul 2017 – Present

- Led end-to-end development of Flutter and Android applications, serving 10K+ active users across global clients.
- Architected reusable Flutter frameworks for 15+ production apps, improving release velocity by 30–40%.
- Enhanced runtime efficiency and UI responsiveness, achieving a 45% improvement in overall application performance.
- Instituted defensive coding standards and comprehensive unit testing protocols, raising test coverage from 60% to 95% and decreasing runtime errors by approximately 20%.
- Mentored and led 4+ mobile development teams, ensuring adherence to coding standards, Agile practices and delivery timelines.
- Collaborated with backend teams on API design using FastAPI and Firebase, ensuring scalable and secure integrations.
- Implemented CI/CD pipelines using Azure DevOps and GitHub Actions, resulting in 40% faster deployments to the Play Store and App Store.
- Migrated 6+ legacy Xamarin applications to Flutter, achieving cross-platform scalability and an estimated 30% reduction in long-term maintenance costs.

Key Projects

Fish Finder (USA) – Tech Lead

Flutter, Kotlin, Swift, YOLO, TensorFlow

- Improved ML-based fish detection accuracy by 25% using YOLO and TensorFlow with real-time camera enhancement.
- Reduced image processing latency by 40% by optimizing the ML pipeline through memory profiling and architectural refactoring.
- Decreased model size by 15% using model compression techniques, optimizing for mobile deployment.

Eventtan Suite (India) – Technical Lead

Flutter, FastAPI, Firebase, OpenAI

- Designed offline-first mobile architecture using Flutter, FastAPI, and Firebase, supporting events with 10K+ attendees.
- Built an AI-powered RAG chatbot using OpenAI, automating 80% of user queries.
- Enhanced app performance by identifying bottlenecks and optimizing code, improving performance by 42%.

Fit + Studio Republik (UAE) – Flutter Developer

Flutter, Firebase, OCR, Twilio

- Led the migration of Xamarin apps to Flutter, increasing application stability by 35% and reducing crash reports by 20% while ensuring zero data loss for 1000+ users.
- Implemented facial recognition access control and OCR-based parking automation.

Education

Bachelor of Engineering – Computer Engineering

Gujarat Technological University | 2013 – 2017 | CGPA: 8.49

Awards

Star Performer – Quarterly Excellence Award (Q2 2025)

Engineered five new AI-powered features, including intelligent image search and content recommendation; these features contributed to reducing critical bugs by two per release after deployment