

# Hemant Sharma

Technical Lead | Mobile Architect

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## SUMMARY

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As a Technical Lead in Mobile Application Development with over 8+ years of experience, I have helped organizations across Events, E-commerce, Fitness and public-sector domains build scalable, high-performance mobile applications. In last 2 years, I have boosted application performance by 50%, reduced crash rates by 30%, and accelerated releases by 40%, helping teams ship faster while keeping apps stable at scale.

## SKILLS

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**Languages:** Dart, Kotlin, Java, Python

**Mobile & UI:** Flutter, Jetpack Compose, Kotlin Multiplatform (KMP)

**Architecture:** MVVM, Clean Architecture, Modular & Offline-First Systems

**Backend & AI:** FastAPI, Firebase, RAG, LLMs, YOLO, Vector DBs

**DevOps:** CI/CD, Azure DevOps, GitHub Actions, App Store / Play Store

**Tools:** Android Studio, Xcode, Git

**Leadership:** Team Mentoring, Agile Delivery, Code Reviews, System Design

## EXPERIENCE

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### Eventtan Pvt. Ltd. – Technical Lead

Ahmedabad, India | Jul 2017 - Present

- Improved app performance by 40% by refactoring legacy code, optimizing widgets, and profiling with Flutter DevTools.
- Reduced crash rates by 30% through structured error handling, Crashlytics monitoring, and RCA-driven fixes.
- Accelerated delivery timelines by 30% by designing a reusable Flutter architecture across 15+ production apps.
- Led and mentored 4 cross-functional teams, boosting sprint efficiency and code quality via reviews and best practices.
- Migrated legacy Xamarin apps to Flutter, improving stability and enabling true cross-platform scalability.
- Automated business workflows using AI, reducing manual effort and increasing user engagement.
- Built custom platform channels to enable real-time ML inference for camera-based features.
- Streamlined CI/CD pipelines using Azure DevOps & GitHub Actions, ensuring faster, reliable releases to App Store & Play Store.
- Collaborated with stakeholders across USA, UAE, UK, and Jordan to deliver scalable, business-aligned mobile solutions.

## PROJECTS

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### **Fish Finder – USA**

**Team Lead | Tech Stack:** Flutter, Kotlin, Swift, TensorFlow

- Increased fish detection accuracy by 25% using YOLOv8-based ML models.
- Reduced image processing latency by 40% through optimized camera and ML pipelines.
- Improved user engagement by 30% with real-time ML-powered recognition features.

### **Eventtan Suite (Client Project) – India**

**Team Lead / Flutter Developer | Tech Stack:** Flutter, FastAPI, OpenAI

- Built offline-first architecture to support large-scale events with poor network connectivity.
- Reduced development effort by 20% by modularizing the codebase for multi-client usage.
- Designed an AI-powered RAG chatbot that automated 80% of event-related queries.
- Successfully delivered apps for events with 10K+ attendees

### **Fit + Studio Republik – UAE**

**Flutter Developer | Tech Stack:** Flutter, Firebase, Syncfusion

- Migrated mobile apps from Xamarin to Flutter, improving performance and maintainability.
- Implemented facial recognition-based access control and real-time messaging via Twilio.
- Automated parking verification using OCR, reducing manual checks by 80%.
- Built analytics dashboards using Syncfusion for business insights.

### **Other Notable Projects:**

Delivered secure, multilingual apps for **ADHA (UAE)**, **ADX, DORI (Jordan)**, and **Speedy Services (UK)**, featuring real-time booking, government service integrations, and delivery tracking systems.

## EDUCATION

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### **Bachelor of Engineering (Computer Engineering) – CGPA: 8.49**

Hasmukh Goswami College of Engineering | GTU

Ahmedabad, Gujarat | 2013 - 2017

## AWARDS

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### **Star Performer** - Quarterly Excellence Awards (Q2 2025)

Recognized for leading AI integration (RAG + YOLO) across 3 client projects and enabling teams to deliver high-impact solutions efficiently.