



Hrushikesh Babasaheb Desai

Mumbai, India | hrushikeshvdesai@gmail.com | +91 9309500072 | hrushikeshdesai.com | LinkedIn | GitHub

Summary

Senior Full Stack Mobile Developer & AI Systems Engineer with 5+ years building high-scale mobile, backend, and AI-powered platforms from concept to production. Architect scalable cross-platform apps, cloud-native microservices, and LLM-based automation. Led teams and shipped systems for 100K+ users; focus on performance, reliability, and scale. Builder mindset with production-grade engineering discipline.

Experience

Noesis Knowledge Solution Pvt Ltd (Noesis.tech)

Feb 2024 – Present

Senior Full Stack & Mobile Developer

Mumbai, Maharashtra

- Architected and delivered enterprise-grade cross-platform applications using Flutter and React Native with Clean Architecture, Bloc/Riverpod, and modular design patterns.
- Built AI-powered solutions using GENIE and LLM APIs for goal-based agents, job analysis, content synthesis, and workflow automation.
- Developed full stack systems integrating Flutter frontends with Python (FastAPI) backends, REST APIs, JWT auth, and AWS/GCP deployments.
- Designed scalable backend services with MongoDB/PostgreSQL, RBAC, and optimized APIs for high-traffic production.
- Led high-impact apps including Indibid, Grubwala, MyLoveCoach.AI, and Poshan Atlas; drove performance, analytics, and stability.
- Built CI/CD pipelines, Dockerized services, and automated deployments; mentored 5+ developers and established code quality practices.

Servicecart

Feb 2021 – Present

Co-founder & Senior Flutter Developer

Bangalore, Karnataka

- Scaled platform from idea to production with 90+ service categories; led team on architecture, performance, and best practices.
- Designed scalable Flutter frontend with Bloc state management; integrated Firebase, Supabase, and custom APIs for auth, real-time updates, and payments.
- Built Next-Gen AI Operations Dashboard with LLM-based vendor insights, demand forecasting, and automated reporting.
- Developed AI Automation Investor Tool for revenue forecasting, burn-rate prediction, and pitch intelligence using time-series ML.
- Implemented CI/CD with GitHub Actions and Codemagic; analytics and A/B testing for engagement and retention.

Freelance & Consulting (Upwork, Fiverr, TLC)

Mar 2022 – Present

Senior Flutter / Full Stack Developer

Remote

- Delivered cross-platform Flutter apps for global clients with scalable architecture and polished UX.
- Managed teams of 4+ developers; sprint planning, Jira/Basecamp, story points, and architecture reviews.
- Built reusable Flutter components and SDKs adopted across multiple production projects.

NV Tech Business Solution

Mar 2022 – Aug 2022

Mobile Engineer

Pune, Maharashtra

- Developed a comprehensive Mood Tracking feature for the Mindfit mental health and wellbeing app, utilizing FL.chart and syncfusion_flutter_charts to provide insightful visualizations of user moods.
- Built UI with Dart Mixin and TickerProvider; translated Figma designs to Dart with custom animations and responsive layouts.

- Collaborated with international clients; incorporated feedback and requirements to deliver production mobile applications.

Vritika InfoTech

Aug 2020 – Feb 2021

Android Developer

Belagavi, Karnataka

- Developed a service to automatically perform a set of unit tests daily on a product in development to decrease the time needed for team members to identify and fix bugs/issues.
- Developed an ITR and Form-16 Filling Application using Retrofit for Chartered Accountants.
- Built a Learning Management Application for Gurukul with over 100K+ downloads.
- Built a White-label Application for Homeopathic Medical College.

Education

Liverpool John Moores University

Oct 2021 – 2023

MSc in Data Science

Liverpool, United Kingdom

IIIT Bangalore

Oct 2021 – 2022

Executive PG Program in Software Development

Bangalore, Karnataka

GSS Institute of Technology

May 2017 – 2020

Bachelor of Computer Application

Belgaum, Karnataka

Projects

AI Automation Investor Intelligence Tool | Python, FastAPI, LLM APIs

2025

- AI-powered startup financial modeling with automated revenue forecasting and burn-rate simulation.
- LLM-based pitch optimization and investor-ready report generation.

Next-Gen AI Operations Dashboard (Servicecart) | Flutter Web, PostgreSQL, LLMs

2025

- AI-driven admin dashboard with vendor insights, predictive demand analytics, and automated reporting.
- LLM summarization for operational reports and customer sentiment analysis.

AI-Powered Personal Finance Manager | Flutter, TensorFlow, Riverpod

2024

- Architected a next-gen personal finance app with AI-driven insights and predictive spending analysis.
- Implemented custom TensorFlow Lite models for transaction categorization with 97% accuracy.
- Built dynamic budget forecasting using time-series analysis and machine learning.
- Integrated secure biometric authentication with advanced encryption for financial data.
- Utilized Flutter 3.19+ features like Material 3 dynamic theming and custom shader effects.

Cross-Platform Web3 Crypto Wallet | Flutter, Web3, Blockchain

2024

- Designed and developed a secure, non-custodial cryptocurrency wallet supporting Ethereum, Solana, and Polygon.
- Integrated hardware security modules for secure private key management.
- Built custom Flutter plugins for blockchain interactions and real-time transaction monitoring.
- Implemented encrypted mnemonic backup for secure wallet recovery.

Social Commerce Platform with AR | Flutter, ARKit/ARCore, Firebase

2023–2024

- Led development of a social commerce app with AR try-on features and live streaming.
- Implemented custom 3D model rendering engine using Flutter's platform views.
- Developed a scalable architecture with feature-first modularization and micro-frontend approach.
- Integrated ML models for face tracking and virtual product placement.

Flutter Desktop Media Production Suite <i>Flutter Desktop, FFmpeg</i> - Developed a professional-grade media editing suite for Windows, macOS, and Linux. - Created custom native plugins for FFmpeg integration, enabling high-performance video processing. - Implemented real-time audio visualization and advanced timeline editing with frame-accurate scrubbing. - Optimized for desktop with keyboard shortcuts, drag-and-drop support, and multi-window functionality.	2023
AR-Based Virtual Shopping Platform <i>Flutter, ARCore, ARKit</i> - Architected a production-grade AR shopping platform with 3D product visualization. - Implemented custom AR engine integration using platform channels and native module bindings. - Developed optimized 3D model loading with progressive rendering for smooth UX. - Integrated advanced analytics for user interaction insights.	2023
Enterprise IoT Control Panel <i>Flutter, MQTT, BLoC</i> - Designed and developed a scalable IoT management platform controlling 200+ device types. - Implemented real-time bidirectional MQTT communication with 99.9% reliability. - Created custom device control widgets with advanced animations and gesture recognition. - Built a comprehensive dashboard with real-time telemetry visualization.	2022

Technical Skills

Languages: Dart, Kotlin, Java, Python, TypeScript
Libraries/Frameworks: Flutter, Bloc, Riverpod, React Native, Node.js
State Management: Bloc, Cubit, Riverpod, Provider, Redux
Backend/Database: Firebase, Supabase, PostgreSQL, MongoDB, MySQL
DevOps/Cloud: AWS (EC2, S3, Lambda), Google Cloud, Firebase Functions, Docker
Testing: Unit, Widget, Integration Testing (Mockito, JUnit, Flutter Test)
CI/CD: GitHub Actions, Bitrise, Codemagic, Fastlane
Tools: Linux, Git, GitHub, GitLab, Atlassian, Android Studio, VS Code, IntelliJ IDEA
Project Management: Jira, Basecamp, Trello, Asana | **Communication:** Slack, Discord, Microsoft Teams
AI/ML & Tools: LLM APIs (OpenAI), AI Agents (GENIE), RAG, Weaviate, Lambda, TensorFlow Lite, time-series forecasting, Replit

Certifications & Achievements

- Certifications:** Executive PG Programme in Software Development (Full Stack), Oct 2022 — IIIT Bangalore.
- Flutter Puzzle Hack (Google, Apr 2023); Flutter (FreeCodeCamp, Jun 2023); Flutter & Dart (Udemy, Jun 2023).
Certified Ethical Hacker — Internshala; Internshala Student Leader 2020.
- Achievements:** 1st in Communication, National Level Hackathon — IBMR College 2019 (Hubli) & GSS Colossus 2019. 1st in Steganography, National Level IT Fest (Evogen 2020, KLS Gogte). LEAD Student Mentor — Deshpande Foundation, 2019.
- Top 10 Consultant for Flutter — Topmate.
- Keynote Speaker — Belgaum Founders Club.