

Aspiration to excel as a Flutter Developer, focusing on mobile application development within innovative technology firms, aiming to enhance user engagement through cutting-edge solutions and exceptional user experiences.

## Profile Summary

- **Expert Flutter Developer and Mobile Solutions Architect** with nearly **7 years of hands-on experience in software development**, specializing in cross-platform mobile application development using Flutter and Dart.
- **Reflected excellence in designing, developing, and deploying scalable**, high-performance apps across iOS and Android, with a strong focus on user experience & maintainable architecture.
- **Proven ability** to translate functional requirements into robust, pixel-perfect applications using Flutter, with optimized state management via BLoC, Provider, and Riverpod.
- **Hands-on experience in Generative AI**, including prompt engineering, LLM fine-tuning, and building AI-powered internal tools with responsible deployment practices.
- **Built a comprehensive technical foundation** by contributing to core development, UI/UX collaboration, API integration, and performance optimization across multiple projects.
- **Showcased strong leadership and mentoring skills**, guiding junior developers and collaborating cross-functionally to drive agile delivery, maintain code quality, and foster innovation within the team.
- **Maintained a deep understanding of mobile app architecture**, RESTful API consumption, Firebase integration, and cloud service deployment via AWS and GCP.
- **Continually staying ahead of the latest mobile trends**, Flutter updates, and best practices in cloud technologies, testing frameworks, and secure coding, ensuring delivery of future-proof, enterprise-grade mobile solutions.

## Education

- B.Tech. (Computer Science), Goel Institute of Technology & Management, Lucknow - 2018

## Work Experience

### Aurigo Software Private Limited

#### GROWTH PATH:

Senior Software Engineer II (Flutter Developer) | Dec'24 - Present

Senior Software Engineer I (Flutter Developer) | Mar'22 - Dec'24

#### Responsibilities: pls. confirm

- Designing and developing cross-platform mobile applications for iOS and Android using Flutter and Dart, ensuring clean, scalable, and maintainable code aligned with best practices.
- Integrating backend services and RESTful APIs, while managing application state using BLoC and Provider for seamless data flow and user interaction.
- Collaborating with UI/UX teams to translate wireframes and mockups into visually appealing, responsive, and functional user interfaces.
- Conducting unit and widget testing to maintain code stability, reduce bugs, and ensure reliable performance across devices.
- Optimizing app performance and managing deployment by profiling app behavior, addressing bottlenecks, and handling app publishing on the App Store and Google Play Store.

#### Key Highlights:

- Reduced app load time by 40% by optimizing widget rendering and implementing efficient state management using BLoC and Provider.
- Achieved 98% crash-free sessions by transforming a frequently crashing app through rigorous unit and widget testing, enhancing overall stability and user trust.
- Cut JavaScript-to-Dart code conversion time by 50% by designing an AI-based custom conversion tool tailored for business-specific use cases.
- Published and maintained 5+ Flutter apps on both the App Store and Google Play Store, ensuring smooth updates and long-term support.
- Boosted background sync speed by 70% by optimizing SQL queries and removing inefficient third-party libraries.
- Contributed to a scalable chatbot platform capable of handling 3,000+ messages/sec via Facebook Messenger using AWS Lambda, SQS, and MongoDB.

### CedCoss Technology Private Limited (BotMyWork), Lucknow

#### GROWTH PATH:

Senior Software Developer | Mar'19 - Mar'22

Software Developer Trainee | Aug'18 - Feb'19

#### Responsibilities:

- Contributed to UI development of web applications using Angular, overseeing the full software lifecycle from requirement gathering to deployment and post-release maintenance.
- Developed and maintained reusable UI components, ensuring consistency and scalability across the application.
- Participated in code reviews and issue resolution, effectively addressing technical challenges and ensuring code quality.
- Collaborated with cross-functional teams to maintain smooth coordination throughout project execution, aligning development with business requirements.

## Certifications

- Angular (Intermediate) – HackerRank
- Angular: Building Large Applications – LinkedIn
- Angular: Progressive Web Apps – LinkedIn

## Key Impact Areas

- Mobile Application Architecture
- User Experience Design
- Generative AI
- Agile Development Methodologies
- Cross-Platform Development
- Cloud Integration Techniques
- Performance Optimization
- Software Development Lifecycle Management
- RESTful API Design and Integration
- Data Synchronization Techniques
- Continuous Integration and Deployment

## Soft Skills

Effective Communication



Problem- Solving



Adaptability & Determination



Analytical



- Learning Amazon Web Services Lambda – LinkedIn
- ChatGPT Masterclass: A Complete ChatGPT Guide – Udemy
- Flutter BLoC, TDD & Clean Architecture – Udemy

## Technical Skills

- **Mobile Development:** Flutter, Dart
- **State Management:** BLoC, Provider, Riverpod
- **Notifications:** Firebase Cloud Messaging (FCM)
- **Mobile Databases:** SQLite, Hive
- **Web Technologies:** HTML, CSS, JavaScript, Angular, TypeScript
- **CSS Preprocessors:** SASS, LESS
- **Cloud Platforms & Services:** AWS (Lambda, EC2, S3, CloudWatch, Amplify, Rekognition, Bedrock, SageMaker, Lightsail, SQS, SNS, SES), Firebase (Hosting, Firestore DB), Supabase, Fly.io
- **Databases:** MongoDB, Firestore, SQLite, Hive
- **Software Design & Principles:** OOP, SOLID Principles, Design Patterns (Singleton, Factory, Observer)
- **Developer & AI Tools:** Android Studio, VS Code, Xcode, GitHub Copilot, ChatGPT, Claude
- **Operating Systems:** Windows, UNIX, macOS

## Personal Details

Address: 1, Mawai Khurd Mall, Malihabad, Lucknow - 226104

Date of Birth: 9th June 1996

Languages Known: English and Hindi

## ANNEXURE (PROJECTS)

### Dartly – AI-Powered Code Conversion Tool

- Designed and developed “Dartly”, a custom GPT-powered internal tool that automates the conversion of business-specific JavaScript code into Dart.
- Achieved a 50% reduction in manual translation effort, accelerating development timelines and significantly improving team productivity.

### SiteVision - AI-Powered Construction Site Analysis Tool

- **Designed and developed** an AI-driven backend service that analyzes construction site images to generate daily progress reports automatically. Key features include:
  - Manpower detection and classification into roles such as laborer, supervisor, and operator.
  - Work progress prediction, equipment usage identification, and impact analysis.
  - PPE (Personal Protective Equipment) detection for safety compliance monitoring.
  - Automatic face blurring to ensure on-site worker privacy and data protection.

### Aurigo Build Mobile

- Developed an **offline-first mobile application** for construction site inspectors to manage high-volume data entry in low-connectivity environments.
- Served as a **core developer** from inception, building the application architecture and core modules from scratch.
- Led the successful delivery of ‘**Config+**’, a dynamic form configuration feature powered by JSON, delivering the solution in **90 days** with a 4-member team—outperforming the original **8-month**, 5-developer plan.
- Spearheaded **performance optimization** of the background sync module by refining SQL queries and eliminating inefficient third-party libraries, achieving a **70% boost in sync speed**.

### NextGen Mobile

- Built a **lightweight mobile version** of the core inspection app tailored for non-premium users, focusing on performance, usability, and reduced app footprint.
- Played a key role in the **design and implementation** of core features, enhancing accessibility to a wider user base.

### BotMyWork Chatbot Builder – Messenger Marketing Automation

- Contributed to the development of a **high-performance chatbot platform** capable of handling **3,000+ messages per second** via Facebook Messenger.
- Implemented advanced features such as **action-based automation**, **chat flow customization**, **live chat**, **message broadcasts**, and lead generation tools, enabling scalable conversational marketing solutions.