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Engineering and Solution Architect with 13+ years of experience building scalable mobile and cloud-enabled platforms across fintech, enterprise, IoT, media streaming, and digital commerce domains. Specialized in Flutter, Kotlin, system architecture, CI/CD, DevOps enablement, and engineering leadership. Proven expertise in scalable architecture, cross-functional collaboration, technical presales, performance optimization, and mentoring engineering teams to deliver high-performance, future-ready solutions.

📁 Professional Experience

Senior Technical Architect, *Brainvire Infotech Pvt. Ltd.*

04/2015 – Present
Ahmedabad, India

- Leading architecture design and technical strategy for enterprise-grade mobile and cloud-integrated applications.
- Collaborating with global clients, stakeholders, and engineering teams to define scalable technical solutions aligned with business objectives.
- Preparing architecture documentation including HLD, LLD, deployment diagrams, sequence diagrams, and integration workflows.
- Driving technical presales, R&D initiatives, solution consulting, and architecture reviews.
- Defining CI/CD strategies and release automation workflows using modern DevOps practices.
- Conducting technical audits, code reviews, and engineering governance activities.
- Mentoring engineering teams on architecture standards, scalable development practices, and engineering excellence.
- Working closely with product, business, QA, and DevOps teams to improve delivery efficiency and technical quality.

Android Developer, *Abbacus Technologies*

12/2013 – 04/2015
Ahmedabad, India

- Developed Android applications using Java for eCommerce, social networking, and booking platforms.
- Collaborated with cross-functional teams to deliver scalable and user-friendly mobile solutions.
- Participated in requirement analysis, development planning, and technical implementation.
- Coordinated with team members to improve project delivery and technical quality.

Android Developer, *Self-Employed*

09/2012 – 11/2013

- Developed mobile applications for utility, social networking, and eCommerce use cases.
- Worked directly with clients to understand requirements and deliver customized solutions.
- Managed end-to-end mobile application development lifecycle.

Project Intern, *Cygnnet Infotech*

08/2011 – 08/2012

- Developed enterprise applications using J2EE technologies including EJB and Servlets.
- Supported backend module development and application integration activities.

Project Intern, *Innova System Pvt. Ltd.*

11/2008 – 05/2009

- Developed applications using ASP.NET, HTML, and CSS.
- Assisted in application enhancement and frontend implementation.

Education

Master of Technology (M.Tech),

2010 – 2012

*International Institute of Information Technology (I2IT), Pune***Bachelor of Engineering (B.E.), *Bhavnagar University***

2005 – 2009

Languages

English

Hindi

Gujarati

Key Achievements

Brainvire Infotech Achievements

- Architected scalable mobile solutions supporting high user engagement across multiple business domains, including fintech, e-commerce, media streaming, IoT, and enterprise platforms.
- Improved development and deployment workflows through CI/CD automation and release standardisation.
- Led architecture modernisation initiatives, including migration and optimisation of mobile application architectures.
- Enabled engineering teams to adopt AI-assisted development workflows for improved productivity and faster delivery.
- Supported enterprise clients with technical solutioning, architecture planning, and engineering consultation.
- Improved application stability, performance, and scalability through proactive technical optimisation initiatives.

General Achievements

- 13+ years of experience in mobile and solution architecture.
- Extensive experience delivering scalable mobile applications across multiple business domains.
- Strong expertise in Flutter, Kotlin, DevOps enablement, and engineering governance.
- Led architecture initiatives focused on scalability, performance optimisation, and delivery efficiency.
- Hands-on experience with cloud-enabled platforms, CI/CD automation, and release management.
- Mentored engineering teams on architecture standards and scalable engineering practices.
- Experience in technical audits, presales consulting, and solution architecture.

Selected Project Experience

Media Streaming Platform

- Architected Flutter-based media streaming platform with smart TV casting and HLS streaming support.
- Designed scalable media delivery workflows and optimised video playback performance.
- Integrated analytics, monitoring, and crash reporting systems to improve observability.

IoT Application

- Designed IoT-enabled mobile architecture integrated with AWS cloud services to support scalable and reliable device communication workflows.
- Implemented monitoring and observability solutions to track the health, performance, and stability of both mobile applications and backend services.
- Collaborated with backend, DevOps, and hardware teams to build scalable, secure, and efficient device communication and integration workflows.

Fintech App

- Contributed to the architecture and development of a high-scale fintech platform with millions of downloads and 40K+ daily active users, focusing on performance, scalability, and secure transaction workflows.
- Designed and optimized real-time mobile workflows for payments, account management, and live transaction tracking using event-driven architecture and scalable API integrations

Enterprise Mobile Platforms

- Led architecture and optimization of enterprise applications focused on scalability, maintainability, and performance.
- Standardized reusable mobile architecture patterns and development workflows.

Core Competencies

Architecture & System Design

- Mobile Architecture
- Scalable System Design
- HLD / LLD
- Distributed Systems Fundamentals
- API Architecture
- Offline-first Architecture
- Event-driven Architecture
- Real-time Communication
- Performance Optimisation
- Security & App Architecture
- Deployment Architecture

Mobile Technologies

- Flutter
- Kotlin
- Kotlin Multiplatform
- Android
- iOS
- React Native
- Java

Backend & APIs

- Node.js
- REST APIs
- GraphQL
- WebSockets

Analytics & Monitoring

- Firebase Analytics
- Mixpanel
- CleverTap
- MoEngage
- WebEngage
- Datadog
- Sentry
- Microsoft Clarity

Engineering Leadership

- Engineering Strategy
- Technical Leadership
- Cross-functional Collaboration
- Agile Delivery
- Team Mentorship
- Technical Governance
- Stakeholder Management
- Engineering Best Practices
- Technical Presales & Solutioning

Cloud & DevOps

- AWS
- Azure DevOps
- CI/CD Automation
- GitHub Actions
- Bitrise
- Codemagic
- Firebase Infrastructure
- Monitoring & Observability
- Release Automation
- Environment Management

Databases

- MySQL
- PostgreSQL
- MongoDB
- Hive
- Room Database

Tools & Platforms

- GitHub
- GitLab
- Bitbucket
- Jira
- Azure
- Trello
- Cursor IDE
- AI-assisted Development Tools