

GANESH KANNA SUBRAMANIAN

Mobile Solutions Architect | Flutter, Android, iOS | FinTech, Digital Identity, Enterprise Data

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PROFESSIONAL SUMMARY

Solutions Architect with 16+ years of experience designing scalable mobile ecosystems, cross-platform products, and enterprise integrations across FinTech, insurance, digital identity, government, retail, and field-force domains. Strong background in Flutter modular architecture, Android/iOS native development, API-first solution design, CI/CD governance, and performance-focused delivery. Certified in Google Cloud Professional Data Engineering, AWS Data Analytics, AWS Solutions Architecture, and Android development.

CORE COMPETENCIES

Architecture: Enterprise mobile architecture, modular monorepos, API-first integration, scalability, performance tuning

Leadership: Technical governance, stakeholder consulting, presales support, team mentoring, code ownership, delivery oversight

Mobile: Flutter, Android, Kotlin, Java, iOS, SwiftUI, Objective-C, Jetpack Compose, native SDK integration

Backend, Data, DevOps: Spring Boot, Node.js, Python, SQL, PySpark, Databricks, PostgreSQL, SQL Server, MongoDB, Jenkins, CircleCI, Fastlane, Gradle, GitFlow

PROFESSIONAL EXPERIENCE

Architect | Impiger Technologies | Coimbatore, India 2022 - Present

- Own solution architecture and delivery governance for enterprise mobile and data-led initiatives across FinTech, insurance, and digital identity programs.
- Architect large-scale Flutter and native mobile ecosystems with modular feature packages, shared SDK libraries, standardized build flavors, and release governance across multiple squads.
- Partner with stakeholders to translate business, regulatory, and integration needs into scalable technical roadmaps, architecture decisions, and delivery plans.
- Guide teams on performance, security, maintainability, CI/CD practices, code review standards, and production release readiness.

Associate Architect | Impiger Technologies | Coimbatore, India 2021 - 2022

- Led architecture and technical validation for cross-platform mobile products, including Flutter and native Android/iOS applications.
- Drove requirement discovery, estimation, solution design, integration planning, and stakeholder alignment for enterprise customers.

Technical Lead | Impiger Technologies / Experion Technologies | India 2015 - 2021

- Led mobile teams through design, implementation, code reviews, client communication, and delivery planning across Android, iOS, Flutter, and backend-integrated solutions.
- Delivered long-running enterprise mobility programs for retail, government, airport operations, distribution, rewards, document collaboration, and insurance use cases.

Senior Software Engineer / Software Engineer | Impiger Technologies | Coimbatore, India 2010 - 2015

- Built Android, iOS, and J2ME mobile applications covering maps, ecommerce, collaboration, CRM, content, media, and field-force workflows.
- Contributed to requirement analysis, UI implementation, web service integration, bug fixing, technical documentation, and team guidance.

SELECTED PROJECT EXPERIENCE

ABCD Super App | Aditya Birla Capital | Flutter, React, Spring Boot, MySQL

- Architected and governed a large FinTech super app integrating insurance, lending, investments, payments, personal finance, and customer engagement journeys across Android and iOS.
- Structured a Flutter monorepo with 15+ modular feature packages and 10+ internal SDK libraries, enabling parallel squad delivery and consistent platform standards.
- Standardized CI/CD, branching strategy, CODEOWNERS, and environment flavors across dev, SIT, UAT, CUG, and production release flows.

Enterprise Data Warehouse and ETL Orchestration | ICAT / CCM | PySpark, Databricks, Teradata, MS SQL

- Designed scalable ETL flows to consolidate insurance-related customer data into an enterprise data warehouse for reporting and analytics.
- Implemented schema mapping, regex-based sanitization, incremental loading, and Big Data to RDBMS integration patterns with a focus on performance and data integrity.
- Provided technical validation and architecture guidance for business stakeholders during data migration and reporting strategy discussions.

Functional ID Creation | Confidential | MOSIP Framework

- Designed a foundational identity solution for smart driving license issuance and management using the MOSIP platform.
- Mapped regulatory and security requirements into implementation strategy, delivery governance, and performance-focused architecture decisions.

Siddhi Super App | EY / Tata AIA Life | Flutter, Spring Boot

- Led solution design and delivery for a multi-module business app providing unified access to policy, customer, premium, commission, dashboard, lead, learning, and news workflows.
- Designed an interoperable app experience that reduced repeated credential handling across business applications.

Investment App | Saudi-based FinTech | Jetpack Compose, SwiftUI, Django

- Adapted mobile and backend architecture to evolving business priorities and regulatory inputs from FinTech Saudi and the Capital Market Authority.
- Led technical delivery for a secure, user-friendly retail investment experience for inexperienced investors.

Danube Apps | Danube | Kotlin, Swift, .NET

- Delivered a multi-platform solution for vendors, sales representatives, contract employees, quotations, collections, and sales invoicing across phone and tablet form factors.
- Governed architecture and delivery for a multi-year engagement, including stability improvements and performance tuning as usage expanded.

Additional Enterprise Mobility Projects | Carrier, JK Fenner, AAI Chennai, Tamil Nadu Government, Branchfire, US Law Firm, Vodafone, ICICI, Ford/KRDS | Android, Java, Kotlin, Objective-C, iOS, .NET, SharePoint, J2ME

- Delivered applications for rewards, dealer transparency, airport facility inspection, government permits, PDF annotation, law-firm collaboration, media search, CRM, and location-based automotive services.
- Handled requirement analysis, solution design, core development, UI implementation, web service integration, code reviews, bug fixes, and team guidance across varied mobile platforms.

CERTIFICATIONS

- Google Certified Professional Data Engineer
- AWS Certified Data Analytics - Specialty
- AWS Certified Solutions Architect - Associate
- Google Certified Associate Android Developer

EDUCATION

Master of Computer Applications, Anna University, India - 2006 to 2009

Thanthai Periyar Government Institute of Technology, Vellore

Bachelor of Science in Mathematics, Bharathidasan University, India - 2003 to 2006

Bishop Heber College, Tiruchirappalli