AQUIB JAVED

Android Developer

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Senior Android Developer with 9+ years of experience delivering secure, high-performance mobile applications in FinTech and IoT domains. Proven expertise in leading architecture decisions, scaling applications to **10M+ users**, and mentoring engineering teams. Strong background in building maintainable, modular mobile systems with modern development practices.

Recently focused on integrating **Generative AI** capabilities, building LLM-powered chatbots with conversation memory and Retrieval-Augmented Generation (RAG) systems.

Technical Skills

Android & Architecture
Kotlin, Java, MVVM, MVP, MVC, Clean Architecture, Multi-Module Architecture, Design Patterns, Use cases

Jetpack Compose, View Binding, Navigation Component, LiveData, Flow, Pagination, Services, Work Manager

Networking & Data
Retrofit, OkHttp, Moshi, Room Database, DataStore

Concurrency
Coroutines, RxJava

Dependency Injection & Testing
Dagger, Hilt, JUnit, Mockito, Fakes

Cloud & IoT
AWS IoT (MQTT Publish/Subscribe), Firebase, Crashlytics

Tools
Android Studio, Git, Jira, Azure DevOps, Bitbucket, SonarQube, Postman, Figma, Invision, CI/CD

Development Methodologies
Agile (Scrum), Sprint Planning, Daily Standups, Code Reviews,

Team Leadership & Collaboration
Generative AI
LLM Integration (OpenAI APIs) Prompt Engineering Conversation Memory Management Retrieval-Augmented Generation (RAG) Embeddings & Vector Databases (Chroma DB) LangChain

AI Development Tools
ChatGPT, Google Gemini, GitHub Copilot (IDE integrated), AI-assisted code generation, AI-powered debugging

Professional Experience

Nagarro – FinTech Application (Renowned Bank)
Senior Android Developer
Jan 2022 – Present
Digital Rewards Module

- Delivered a reward system used by 10 million+ users enabling customers to redeem points for bill payments, partner products, and charity donations
- Designed real-time dashboard delivering accurate reward tracking and transaction insights
- Architected reactive data aggregation using RxJava to synchronize multiple API calls and ensure consistent UI state.
- Introduced Jetpack Compose for modern declarative UI
- Analysed and resolved production crashes using Crashlytics, improving app robustness and performance.
- Strengthened code quality governance by driving technical design reviews, mentoring code review through PR evaluations and automated unit testing practices.

Tech Stack: Kotlin, MVVM, Compose, Coroutines, RxJava, Retrofit, Dagger, Flow, SonarQube, Github, Test Cases (Line coverage 93 % and conditional coverage 80%), Agent assisted development using Gemini and Github co-pilot, Agile, Sprint Planning, Daily Standups, Code Reviews, Team Collaboration

Nagarro – FinTech Application

Android Developer

Feb 2021 – Dec 2021

Chatbot Module

- Team leadership for end-to-end design and implementation of an in-app chatbot used by 10 million+ users
- Proposed and delivered a Speech-to-Text POC, secured stakeholder buy-in, and led its production rollout.
- Implemented Text-to-Speech capability to enhance accessibility and engagement
- Drove product initiatives, presented demos, aligned stakeholders & product owners, Led end-to-end delivery.

Tech Stack: Java, Retrofit, RxJava, Google Speech-to-Text, Google Text-to-Speech, Dagger, Git, Azure DevOps, Test Cases (Line coverage 93 % and conditional coverage 80%), Junit, Mockito, , Agile, Sprint Planning, Daily Standups, Code Reviews

Nagarro – R&D Team (Generative AI Projects)

Retrieval-Augmented Generation (RAG) Implementation

- Developed document-based question-answering system using chunking and embedding pipelines
- Implemented vector similarity search using Chroma db.
- Designed retrieval-to-generation flow to inject relevant context into LLM prompts, reducing hallucinations.

Tech Stack: LangChain, Embeddings, Vector DB, ChromaDB, LLM APIs

Orange Mantra – Bike Navigation Application

Nov 2018 – Dec 2019

- Architected and delivered an end-to-end rider navigation app used by 1 million+ users integrated with a BLE-enabled bike dashboard, in Cross-functional collaboration with the BLE team.
- Implemented Google Maps-based navigation and turn-by-turn instructions
- Implemented foreground services for real-time ride tracking
- Introduced ride metrics like last rides, service status, fuel level, speed insights
- **Solely represented the development team in app demonstrations to users, supported launch events, and ensured smooth release by fixing issues in real time.**

Tech Stack: Java, Google Maps, BLE, Retrofit, Room, Foreground Services

Orange Mantra – Fleet Management Application

April 2018 – Oct 2018

- Provided technical leadership by driving decisions architecture and coordinating Cross-functional team collaboration to meet project goals
- Led end-to-end development of Android application communicating with truck-mounted robotics system
- Retrieved CSV logs via FTP from local robot hotspot
- Implemented MQTT publish–subscribe architecture using AWS IoT for efficient and reliable data transmission
- Ensured reliable periodic background data synchronization using AlarmManager and Foreground Services to ensure uninterrupted field uploads.

Tech Stack: Java, AWS IoT, FTP, Retrofit, AlarmManager

Achievements

- Recognized on **Nagarro's Achievers Dashboard** for high-impact contributions
- Received **client-issued Badge of Excellence** for exceptional delivery and impact

- **2 Certifications in Gen Ai**
- **10 Certificates in Android**
- Completed **3-month Android bootcamp** focused on modern architecture patterns

Education

Bachelor of Technology (B.Tech), Computer Science Engineering, UPTU