PARITHI D B

ANDROID DEVELOPER

+91 78128 51352 • parik101198@gmail.com • Portfolio • LinkedIn • Github • Banavaram, Tamilnadu

Summary

- Android Developer with over 2 years of experience building scalable, user-centric mobile applications using Java, Kotlin and Android frameworks.
- Recently trained in building production-grade AI agents using Google ADK and Gemini, with real-world deployment experience.
- Proficient in MERN stack for full-stack projects, enabling end-to-end development solutions.
- Known for effective collaboration and transforming requirements into innovative, impactful applications while staying updated with emerging technologies.

Skills

- **Programming languages -** Java, Kotlin, Javascript, HTML, CSS, XML
- **Libraries and other skills -** Jetpack Compose, Room database, Dagger, Hilt, Retrofit, Model-View-Viewmodel (MVVM), LiveData, Executors, Coroutines, Picasso, Navigation, Firebase, Okhttp, Media3 Exoplayer, Reactjs, Nodejs, Express, MongoDb, Bootstrap, Material designs, Git, JSON, REST API, Google ADK, LLM Orchestration, Gemini
- **Tools -** Android Studio, Visual Studio Code, Bitbucket, Github, Postman
- **Soft skills -** Problem Solving, Time management, Communication, Creativity, Team player, Keeping up-to-date in new technologies, Quick learning.

Experience

AhaGuru Education Technology   Oct 2023 - Present

Android Developer

- Collaborate with cross-functional teams to identify and prioritize features and requirements
- Utilized Android SDK, Java and Kotlin to integrate new features and optimize performance.
- Executed RESTful APIs to integrate backend services and enhance application functionalities.
- Implemented UI/UX designs for usability and consistency across devices.

Projects

SkillZap
- Developed features to display students' progress across chapters and topics.
- Integrated Media3 ExoPlayer to enable downloadable video content and optimized playback for a seamless viewing experience.
- **Skills used :** Media3 Exoplayer, Retrofit, Camera Integration, Media services

Parent App - Version 2 & 3
- Upgraded an educational app for parents to track children's learning progress and key metrics.
- Improved usability through intuitive data visualization and personalized learning insights, leading to better parent engagement.
- **Skills used :** Retrofit, RoomDb, Okhttp, Picasso, LiveData

Quiz App
- Developed a real-time quiz platform using Firestore database, enabling dynamic question updates and live participation.
- Implemented efficient data synchronization to deliver smooth real-time quiz interactions with dynamic syncing and minimal latency.
- **Skills used :** Firebase, Firestore Database, FCM Push notifications

Intelligent Code Review & Bug Detection Agent - AI Capstone Project (Gemini ADK)
- Developed a multi-tool, LLM-driven agent using the Google Agent Development Kit (ADK) and Gemini 2.5 Flash Lite to provide comprehensive code reviews across multiple languages (Java, Kotlin, Python).
- Integrated custom tools for static analysis, code pattern detection (security vulnerabilities, bad practices), complexity analysis, and documentation quality checks.
- The agent produced structured, actionable feedback including Code Smells, Security Issues, and a refactored Improved Code snippet, demonstrating advanced reasoning and tool orchestration.
- **Skills used :** Google ADK, Gemini 2.5 Flash Lite, LLM Orchestration, Python, Tools, Prompt Engineering, .

Education

Sri Venkateswara College of Engineering, Chennai

Bachelor of Technology (B.Tech)   Major: Information Technology   Sriperumbudhur, Chennai

Extracurricular / Certifications

- **Full Stack Development (MERN),** GUVI GEEK NETWORK PRIVATE LIMITED, an IIT-M incubated company, 2023
- **Java fundamentals and beyond,** Scaler, 2024
- **AI Agent Development (Intensive Course),** Kaggle/Google, 2025
- **Build Real World AI Applications with Gemini and Imagen Skill Badge,** Google cloud skill boost, 2025