

Hareesh Ragavendra D

Android & Backend Developer — Full-Stack Engineer
dhareesh205@gmail.com — +91 80727 03652 — Chennai, India
LinkedIn — Portfolio — GitHub (15+ Projects)

Professional Summary

Results-driven Android and Backend Developer skilled in Kotlin, Jetpack Compose, Python, and Django, with experience using agentic development tools to improve productivity and code quality. Strong expertise in building secure, scalable systems and optimizing performance, achieving up to 40% faster API response times. Proven ability to deliver full-stack, production-ready solutions in Agile and collaborative team environments.

Education

B.Tech – Information Technology SRM Easwari Engineering College, Chennai	Expected 2026 CGPA: 7.75 / 10
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Technical Skills

Programming Languages:	Python, Kotlin, Java, C#, SQL
Android Development	Jetpack Compose, MVVM Architecture, Retrofit, OkHttp, Room, Coroutines, Android Architecture Components
Backend Development	Django REST Framework, FastAPI, RESTful APIs, JWT Authentication, WebSockets, Requests, Microservices Basics
Databases	PostgreSQL, SQLite
Tools & Platforms	Git, GitHub, Docker, JetBrains, Claude Code, Postman, Azure, Android Studio, Linux
Security	Authentication & Authorization, JWT, AES-256 Encryption, HMAC, Secure API Design
Core Concepts	OOP, Data Structures, API Security, Performance Optimization, Agile Development

Experience

Android & Backend Developer Intern <i>Ky Technologies Pvt Ltd, Chennai</i>	Jan 2025 – Mar 2025
<ul style="list-style-type: none">Engineered a full-stack service management platform supporting real-time field operations using Jetpack Compose and Django REST FrameworkArchitected and deployed 15+ secure RESTful APIs with JWT-based authentication and role-based access controlIntegrated geofencing and live location tracking, improving task compliance and operational visibilityOptimized PostgreSQL queries and indexing strategies, reducing average API response latency by 40%	
Freelance Python Developer <i>Upwork – Remote</i>	Jul 2021 – Jul 2022

Key Projects

Service Management App <i>Kotlin, Jetpack Compose, Django REST, PostgreSQL – GitHub</i>	2025
<ul style="list-style-type: none">Built a production-ready Android application for managing customer service operations and field workflowsImplemented JWT authentication, role-based authorization, and WebSocket-based real-time chatDesigned scalable backend architecture with strong validation, API security, and performance optimization	
Offline License Management System <i>C#, .NET 8, Native AOT, AES-256 – GitHub</i>	2024
<ul style="list-style-type: none">Architected a secure offline-first licensing system with hardware fingerprintingImplemented AES-256 encryption, HMAC validation, and tamper-resistant mechanismsDeployed as both a standard .NET library and an optimized Native AOT binary	
ERP WebView Android App <i>Kotlin, Jetpack Compose, Retrofit – GitHub</i>	2024
<ul style="list-style-type: none">Engineered an Android WebView application integrated with dynamic REST APIsImproved network performance through efficient JSON parsing using Retrofit and OkHttp	
Report Automation System <i>Python, Pandas, SMTP – GitHub</i>	2023
<ul style="list-style-type: none">Automated report generation and scheduled email delivery for 500+ usersReduced end-to-end processing time from 8 hours to 30 minutes	

Certifications

- Certifications: Microsoft AZ-900, Cisco CCNA (1–3), Cisco Python Essentials (1–2), Introduction to CyberSecurity.