

# Hareesh Ragavendra D

Android & Backend Developer — Full-Stack Engineer

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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

## Technical Skills

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

## Experience

**Android & Backend Developer Intern**

Jan 2025 – Mar 2025

*Ky Technologies Pvt Ltd, Chennai*

- Engineered a full-stack service management platform supporting real-time field operations using Jetpack Compose and Django REST Framework
- Architected and deployed 15+ secure RESTful APIs with JWT-based authentication and role-based access control
- Integrated geofencing and live location tracking, improving task compliance and operational visibility
- Optimized PostgreSQL queries and indexing strategies, reducing average API response latency by 40%

**Freelance Python Developer**

Jul 2021 – Jul 2022

*Upwork – Remote*

- Automated data extraction and processing pipelines for 8+ international clients using Python and Pandas
- Processed and transformed 50,000+ records, reducing manual effort by over 70%
- Delivered production-ready automation tools with documented, maintainable code and zero post-delivery defects

## Key Projects

**Service Management App**

2025

*Kotlin, Jetpack Compose, Django REST, PostgreSQL – GitHub*

- Built a production-ready Android application for managing customer service operations and field workflows
- Implemented JWT authentication, role-based authorization, and WebSocket-based real-time chat
- Designed scalable backend architecture with strong validation, API security, and performance optimization

**Offline License Management System**

2024

*C#, .NET 8, Native AOT, AES-256 – GitHub*

- Architected a secure offline-first licensing system with hardware fingerprinting
- Implemented AES-256 encryption, HMAC validation, and tamper-resistant mechanisms
- Deployed as both a standard .NET library and an optimized Native AOT binary

**ERP WebView Android App**

2024

*Kotlin, Jetpack Compose, Retrofit – GitHub*

- Engineered an Android WebView application integrated with dynamic REST APIs
- Improved network performance through efficient JSON parsing using Retrofit and OkHttp

**Report Automation System**

2023

*Python, Pandas, SMTP – GitHub*

- Automated report generation and scheduled email delivery for 500+ users
- Reduced 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.