KOLA VARUN KUMAR

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Summary

Computer Science graduate with hands-on experience in building and deploying a full-stack production-ready application using Android (Kotlin) and Django REST Framework. Strong understanding of mobile UI design, REST APIs, MySQL databases, authentication, and cloud deployment. Actively seeking an entry-level role in Android Development or Python Backend Engineering.

Key Skills

Languages: Python (Core & Advanced), OOP Basics, Kotlin.
Backend & APIs: Django, Django REST Framework, REST API development & filtering, JSON parsing & error handling
Database: MySQL, Django ORM, Bulk data import &validation.
Deployment & tools: Railway Cloud Deployment, Gunicorn, Git & Github, Postman(API testing)
Mobile Development: Android Studio, Kotlin(Jetpack Compose & XML layouts), APK singing & distribution.

Projects

Voter Search System – Full Stack Application

Android (Kotlin) | Django REST Framework | MySQL | Railway Cloud

- Developed an Android voter search application allowing search by Name, EPIC Number, or Door Number
- Built a Django REST API with optimized query filtering and structured JSON responses
- Integrated MySQL database containing 3,600+ voter records
- Implemented one-time login authentication using SharedPreferences for controlled access
- Designed a custom Android UI with ward-specific branding and fixed light-mode theme
- Added print functionality using Android PrintManager for physical voter slips
- Deployed backend on Railway Cloud with production configuration and environment variables
- Generated and distributed a signed APK tested on real Android devices
- Tech Stack: Kotlin, Android Studio, Jetpack Compose, XML, Django, DRF, MySQL, Railway

Student Management System – Python, OOP, File Handling

- Developed menu-driven application using OOP
- Implemented persistent storage with file handling
- Built CRUD operations and maintained Git version control

Python Logic Labs – Python

- Implemented Fibonacci series, number reversal, and character frequency programs
- Solved algorithmic problems using mathematical logic

Education

Bachelor of Technology - B.Tech in Computer Science and Engineering
MALLA REDDY COLLEGE OF ENGINEERING - August 2020 - September 2024 - 69.9%
Intermediate in MPC
NRI Group of Institute - April 2018 - April 2020 - 92.8%
Secondary School Certificate
Sai Giri High School - March 2017 - March 2018 - 90%

Declaration

I hereby declare that the information provided above is true to the best of my knowledge and belief.

Place: Hyderabad