

# VYSHNAVI RAVULA

## PYTHON DEVELOPER

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### Professional Summary

Detail-oriented Python Developer with 3+ years of experience in Backend Development with skills in Python (Django) and Kotlin (Ktor). Focused on building scalable, and secure REST APIs. Experienced in authentication systems, database optimization, and API documentation.

### Technical Skills

- **Languages:** Python, Kotlin
- **Frameworks:** Django, Django REST Framework, Flask, Ktor
- **Databases & OS:** MySQL, SQLite, Windows
- **Developer Tools:** GitHub, Postman, Jenkins, JIRA
- **Expertise:** REST API Development, Authentication, Database Optimization, API Documentation

### Education

#### Bachelor of Technology in Computer Science and Engineering | Hyderabad, Telangana

Gokaraju Rangaraju Institute of Engineering and Technology (June 2019 - June 2022)

- CGPA: 8.7

### Work Experience

#### Tata Consultancy Services | Backend Developer

June 2022 – Present | Hyderabad, Telangana

- Developed and optimized RESTful APIs with **Python** and **Django** to build scalable and reliable backend services for client applications.
- Implemented strong authentication and authorization using OAuth and **JWT** to secure API endpoints and protect user data.
- Enhanced database interactions to improve system speed and responsiveness when handling large volumes of data.
- Delivered backend features from **JIRA** stories by designing APIs that handle client requests, interact with the database, and integrate securely with external service.
- Collaborated with other teams to ensure smooth integration and timely delivery of backend components.

### Projects

#### Clinic Management System

Technologies Used: **Python, Django, DRF, SQLite, JWT, Swagger (drf-yasg)**

GitHub Repository: [Client Management System](#)

- Developed backend to manage clinics, therapists, patients, and appointments with role-based access for Super Admin, Clinic Admin, and Staff.
- Created and documented RESTful APIs with **Swagger** UI to improve API usability and maintenance.
- Ensured secure data validation and role-based access control.

### Certificates

- HackerRank – Problem Solving (Intermediate)
- HackerRank – SQL

## Awards & Extras

- **On-the-Spot Awards (2x)** for technical excellence at TCS
  - **Active contributor** to Python/Django open-source projects
  - **Continuous learner** on LeetCode and HackerRank
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## Languages

- Telugu (Native)
- English (Fluent)