


Rakesh Roy

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Career Objective

Seasoned Python/Django Developer with a distinguished 3-year track record in web application development. Adept at crafting clean, maintainable code and integrating cutting-edge technologies. Eager to contribute problem-solving skills and technical expertise to a dynamic team.

Professional Summary

Motivated Python Developer with proficiency in Python 3.x, Django (Rest Framework, ORM), Flask, React.js, and diverse databases (MySQL, PostgreSQL, Sqlite3). Demonstrates exceptional problem-solving skills and a history of collaborative success within cross-functional teams.

Technical Skills

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|----------------------------------|--|
| • Languages/Procedura | : Python 3x |
| • Framework | : Django (Rest Framework, ORM), Flask. |
| • Databases | : MySQL, PostgreSQL, Sqlite3 |
| • Web Technologies | : jQuery, JavaScript, HTML, CSS, Bootstrap |
| • Version Control | : Git |
| • IDE's | : Vs Code, PyCharm, WebStorm |
| • Additional Tools and Libraries | : React Js(Basics), Apache Superset, Plotly, Matplotlib, NumPy, Pandas, Bokeh, Chart.js. |
| • Deployment | : Digital Ocean, AWS(EC2, S3), Docker. |

Professional Experience

Python/Django Developer | Medicovert Hospitals, Hyderabad | July 2021 – Present

1. Human Resource Management System (HRMS)

- Developed a comprehensive HRMS covering attendance, leave, team management, onboarding, recruitment, resignation workflows, task allocation, expense tracking, document management, payroll processing, and analytics dashboard.
- Implemented robust authentication and authorization mechanisms.

2. QR-Based Token Management System

- Orchestrated the development of a QR-based Token Management system, optimizing customer service operations with QR code generation, scanning, and tracking capabilities.

3. Laboratory Information Management System (LIMS)

- Engineered a comprehensive LIMS project for healthcare data management with

modules for outpatient service, billing, dispatch, report generation, consultation scheduling, and an intuitive data input interface.

4. Doctor I-Assist Ticket-Solving Application

- Led the creation of a Doctor I-Assist ticket-solving application, optimizing healthcare service delivery through an intelligent ticket categorization system.

5. Payment Gateway Integration

- Successfully integrated the Payphi payment gateway, enhancing online transaction capabilities and user experience.

Internship | Quant Technologies, Secunderabad | 03/06/2020 - 03/12/2020

- Completed a 6-month Python programming internship, contributing to cross-functional activities and departmental operations.
- Delivered a project within the specified timeframe, showcasing dedication, hard work, and commendable conduct.
- Received mentorship from Mr. N. Naveen Kumar, enhancing technical skills and professional development.
- **Awards and Recognition:** Certificate of Completion for Python Internship at Quant Technologies, Secunderabad.

Highest Qualification

MSc (Computer Science) | BBCIT, Kacheguda, Hyderabad | 2021

Certifications

- National Cadet Corps 'B' certification with Grade - A (2017), Granted by the Ministry of Defense, Government of India.
- Python Certification | Naresh I Technologies
- Django Certification | Satya Technologies

Declaration: I hereby certify that the above mentioned details are true to the best of my knowledge.

Place: Hyderabad

(RAKESH ROY)