Rakesh Roy

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Career Objective

Enthusiastic and skilled Python Developer with 2+ years of experience in web application development. Committed to delivering high-quality code, optimizing user experiences, and leveraging innovative technologies to solve complex challenges.

Professional Summary

Highly motivated Python Developer with a strong foundation in web development, backed by hands-on experience with Python, Django, React.js, and various databases. Exceptional problem-solving skills, a passion for clean and maintainable code, and a proven track record of collaborating with cross-functional teams to drive project success.

Technical Skills

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

Professional Experience

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

1. **Human Resource Management System (HRMS)**
   - Spearheaded the development of an advanced HRMS from concept to deployment.
   - Designed and implemented modules for attendance tracking, leave management, team management, onboarding, recruitment, resignation workflows, task allocation, expense tracking, employee document management, payroll processing, and an analytics dashboard using Chart.js, Plotly, and Bokeh.
   - Implemented robust authentication and authorization mechanisms with meticulously defined user groups and permissions.
   - Technologies Used: Python, Django, jQuery, JavaScript.

2. **QR-Based Token Management System**
   - Orchestrated the development of a QR-based Token Management system, streamlining customer service operations.
   - Engineered QR code generation, scanning, and tracking capabilities for efficient

service management.
- ↳ Technologies Used: Python, Django, jQuery, JavaScript.

3. **Laboratory Information Management System (LIMS)**
   - ↳ Developed a comprehensive LIMS project for healthcare data management.
   - ↳ Created modules for outpatient service management, billing, dispatch, report generation, consultation scheduling, and introduced an intuitive data input interface with integrated CKEditor.
   - ↳ Technologies Used: Python, Django, jQuery, JavaScript.

4. **Doctor I-Assist Ticket-Solving Application**
   - ↳ Led the creation of a Doctor I-Assist ticket-solving application, optimizing healthcare service delivery.
   - ↳ Designed and built an intelligent ticket categorization system, enhancing response times and patient care.
   - ↳ Technologies Used: Python, Django, jQuery, JavaScript.

5. **Payment Gateway Integration**
   - ↳ Successfully integrated the Payphi payment gateway, enhancing online transaction capabilities and user experience.
   - ↳ Ensured seamless and secure payment processing.
   - ↳ Technologies Used: Python, Django, jQuery, JavaScript.

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.
- ➤ The NCC 'B' certification signifies completion of a rigorous training program in leadership, discipline, teamwork, and community service. The program honed my leadership skills, improved my communication and teamwork abilities, and instilled in me a sense of social responsibility.

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

Place: Hyderabad   (**RAKESH ROY)**