

MOHAN KALE

Python Developer

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OBJECTIVE

Dynamic Python Developer with over 2 years of experience in software development, specializing in Django and RESTful APIs. Adept at creating efficient, scalable, and maintainable code, seeking to leverage expertise in building robust applications to contribute to innovative projects.

PROFESSIONAL SUMMERY

- Over 2 years of extensive experience in software design, development, and implementation of web-based applications using Django framework.
- Strong understanding of all phases in Software Development Life Cycle (SDLC).
- Proficient in producing clean, efficient code and debugging large codebases.
- Expertise in Python, Django, SQL, and database management.
- Skilled in using Postman for API testing, including HTTP methods.
- Familiar with web technologies such as HTML, CSS, and Bootstrap.
- Hands-on experience with databases such as MySQL.
- Strong knowledge of Object-Oriented Programming (OOP) in Python.
- Experienced in using modern IDEs like VS Code and PyCharm for application development.
- Familiar with version control systems like Git and GitHub.
- Knowledgeable in project management tools like Jira.

TECHNICAL SKILLS

- Programming Language : Python(3.X)
- Web Framework : Django (2.X)
- Web service : Django REST Framework (DRF)
- ORM Framework : Django DB
- API Testing Tools : Postman
- Development Tools : Visual Studio Code, PyCharm, IDLE
- Web Designing : HTML, CSS, Django Templates
- Web server : WSGI
- Database Skills : MySQL
- Database Connectors : MySQL
- Versioning Tools : GIT, GITHUB
- Project Management : Jira

PROFESSIONAL EXPERIENCE

Company : Vision Techno Services Pvt. Ltd, Pune Maharashtra.
Designation : Software Developer.
Duration : From Aug 2022 to till date

EDUCATION

Completed **Bachelor Of Engineering** S.B. Patil College of Engineering, Indapur from Pune University.

PROJECT

PROJECT: E Medical Records Solution

The Electronic Medical Records Solution (EMRS) project is designed to streamline and enhance the management of patient information and healthcare operations. This comprehensive software includes functionalities for booking patient appointments, storing patient and staff details, and managing computerized billing for the pharmacy and laboratories. Each patient and staff member is automatically assigned a unique ID, ensuring accurate and efficient record-keeping. The system features a search facility to check the current status of rooms, as well as to search for doctor availability and patient details using their unique IDs. This project aims to improve operational efficiency, reduce errors, and enhance patient care through effective use of technology.

Key Features:

- **Appointment Booking:** Efficient scheduling of patient appointments with easy-to-manage time slots.
- **Patient and Staff Management:** Secure storage of comprehensive details for each patient and staff member, with unique ID assignment.
- **Computerized Billing:** Automated billing processes for pharmacy and lab services, ensuring accurate and prompt transactions.
- **Room Status Management:** Real-time tracking of room occupancy status, aiding in optimal resource utilization.
- **Search Facility:** Quick and accurate search capabilities for doctor availability and patient records using unique IDs.

Technologies Used:

- **Backend Development:** Django framework for creating robust APIs and maintaining the database.
- **Frontend Integration:** Seamless integration of user-facing elements developed by front-end developers with server-side logic.
- **Database Management:** Use of MySQL for efficient data storage and retrieval.
- **Version Control:** Code integration and management using Git and GitHub.
- **Testing Tools:** Utilization of Postman for thorough API testing and validation.

Roles and Responsibilities:

- Developed methods and functions for CRUD operations in the active record.
- Worked on the backend part of the application using Django to create APIs and maintain the database.
- Involved in developing various web applications as per requirements.
- Integrated user-facing elements developed by front-end developers with server-side logic.
- Provided technical assistance for application design and maintenance.
- Managed day-to-day issues and fine-tuned the application for enhanced performance.
- Utilized GIT for code integration and version control.

DECLARATION

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