

Sai Thimma Reddy D

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Designation: Python Developer

Notice period : Immediate joining

Highest Qualification: B.E

EXPERIENCE

Currently working in DollarBird technologies. 2+ Year Experience as Software Engineer (Python)

As part of the development team, worked on enterprise software development projects, going through all the software development life cycle phases and applying agile methodologies.

TECHNICAL SKILLS

- Web Framework: Django (3.1.3), Django Rest Api, Flask
 - Back End Languages and Libraries : Python (3.8) ,Pandas
 - Front End Languages: Html, Css, Bootstrap, JavaScript, React
 - Technologies: Pyspark, Airflow.
 - Operating Systems: Ubuntu (20.04.1)
 - Database Programming: MySql
 - Cloud Technologies: AWS
 - Version Control: Git
 - Containerization : Docker
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PROJECT HANDLED

PureSight:

<https://www.puresight.com/>

Description:

Description: PureSight is a mobile application where there are two apps SurfieParent and SurfieChild, the parent application can control the entire child mobile by using the SurfieParent application. This mobile application offers features like Advanced Internet Filtering, Social Media Monitoring, Parental Alert Notifications, etc.

Roles and Responsibilities:

- Built reusable code and APIs for projects using Python with Django.
- Developed test drive/test first unit tests.
- Experience with python pandas to store fixed-width data to the database.
- Developed the application server using Django Rest Framework.
- Troubleshoot and solved complex problems.
- Coordinated analysis, design, implementation, and test of a large software system.

Job Support System:

Description:

The project is used for maintaining student details where in this details are used for internal evaluation and future reference for the organization.

Roles and Responsibilities:

- Planned the APIs and database.
 - Created tables and databases to store the information of the students.
 - Created the Rest API using the Django Rest Framework.
 - Worked on the authentication of the users.
 - Automated test data creation.
 - Worked on the client-side (React) to display the data and fix some UI bugs.
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Task Management System:

Description:

The project is built for the storing the information of the employees and their details and mainly this project was built to eliminate the process of filling the time sheet in the google slides etc platforms.

Roles and Responsibilities:

- Planned the APIs and database.
- Created tables and databases to store the information of the students.
- Created the Rest APIs using the Django Rest Framework.
- Worked on the authentication of the users.
- Automated test data creation.
- Worked on the client-side (React) to display the data and fix some UI bugs.

Restaurant Menu and Room Booking:

Description:

The Restaurant Menu and Room Booking project is a menu management system that allows administrators to manage menu items, chefs to process orders, waiters to take orders, and customers to view and place orders using a QR code and the Room Booking app is a web application that allows users to search for and book rooms in accommodation. It provides a seamless and user-friendly interface for both guests and accommodation owners to manage their reservations effectively.

Roles and Responsibilities:

- Implemented user registration and authentication functionalities, allowing users to sign up, log in, and access personalized features securely.
- Designed and implemented the room search and booking functionality, enabling guests to find available rooms based on location, dates, and filters and receive booking confirmation.
- Created the Owner Dashboard, allowing accommodation owners to manage room availability, view incoming reservations, and add their rooms to the system through a dedicated dashboard.
- Integrated Cloudinary to handle image uploads and storage for room details and media, providing users with comprehensive information for informed booking decisions.
- Implemented a RESTful API for interacting with external services or applications.
- Utilized Celery and Redis to handle asynchronous tasks, such as automated email notifications for booking confirmations, cancellations, and important updates.
- Set up and maintained the PostgreSQL database to store room listings, user data, and reservations securely.
- Collaborated with the frontend team to integrate HTML, CSS, JavaScript, and Bootstrap for a responsive and user-friendly design.
- Conducted code reviews and collaborated with team members to ensure code quality, performance, and adherence to project timelines.
- Participated in regular team meetings and discussions to brainstorm ideas, resolve issues, and enhance project features.

Achievements:

- Successfully delivered a fully functional Room Booking App with user-friendly features, contributing to a positive user experience and increased user engagement.
- Played an integral role in improving application performance and implementing responsive design, resulting in enhanced user satisfaction and user retention.
- Effectively collaborated with a cross-functional team to meet project milestones and deliverable.

Strengths and Interests:

- Ability to work in a team and individually, taking ownership of responsibilities.
- Interested and always willing to learn and expand knowledge constantly.
- Possess good relationship building and interpersonal skills.
- Hardworking, quick learner.
- Effective team player and also capable of working independently.
- Sincerity, self-confidence, and commitment towards work.
- Quick adaptability to challenging situations.

Parkdeinn:

Description:

Developed a comprehensive Parking Lot Management System to optimize and streamline parking operations for a commercial or public parking facility. The system aimed to enhance user experience, improve security, and maximize parking space utilization.

Roles and Responsibilities:

- **Real-time Monitoring:** Implemented real-time monitoring of available parking spaces and their statuses, allowing users to find vacant spots quickly.
- **Automated Entry/Exit:** Designed an automated entry and exit system using RFID or ticket-based validation for registered and guest vehicles, reducing manual interventions.
- **Reservation System:** Integrated a reservation system that enabled users to reserve parking spaces in advance, providing convenience during peak hours.
- **Payment Gateway:** Integrated secure payment gateways for cashless transactions, offering multiple payment options, including credit cards and mobile wallets.
- **Reporting and Analytics:** Developed reporting and analytics modules to provide insights into parking utilization, revenue generation, and occupancy trends.
- **User-Friendly Interface:** Designed a user-friendly web and mobile application for easy access to parking information, reservations, and payments.

Strengths and Interests:

- Ability to work in a team and individually, taking ownership of responsibilities.
- Interested and always willing to learn and expand knowledge constantly.
- Possess good relationship building and interpersonal skills.
- Hardworking, quick learner.
- Effective team player and also capable of working independently.
- Sincerity, self-confidence, and commitment towards work.
- Quick adaptability to challenging situations.