

Vasi Sayed

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EDUCATIONS

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|---|-----------------------------|
| • Mumbai University (Bachelor of Engineering in Computer Engineering) | Kalyan , Mumbai (May 2025) |
| • Government Polytechnic Mumbai (Diploma In Computer Engineering) | Bandra , Mumbai (July 2022) |

PROJECTS

Human Resource Management System (HRMS)

- **Implemented HRMS** featuring role-based access control, streamlining task assignments and performance evaluations; **reduced time spent on employee performance reviews by 20 hours per month for each manager.**
- **Designed a structured role-based access system**, enhancing administrative efficiency streamlining task delegation, and **reducing leave approval time by 50%.**
- **Optimized task management** by implementing a hierarchical assignment system, **improving task completion rates by 35% and enhancing team productivity through streamlined approvals.**
- **Attendance & Leave Management:** Tracks attendance, monthly averages, and **absent employees (with/without notice).** Leave approvals follow a **hierarchy (Admin → Manager → Employee).**
- **Engineered a task and performance management system**, structuring task delegation and automating role transitions; **performance evaluated based on task scores, absenteeism, and team contributions**, ensuring **fair and data-driven assessments.**

LUXESTAY (Django-based Hotel Management System)

[LINK](#)

- **Implemented Razorpay** integration for real-time **payment processing**, which enabled instant **download** of booking receipts and improvement of **guest satisfaction** scores by **20%.**
- **Designed an interactive admin panel**, allowing hoteliers to efficiently **manage multiple hotels**, **track bookings**, and **monitor performance metrics** from a centralized dashboard.
- Integrated **real-time revenue tracking**, providing insights into **total earnings**, **monthly bookings** , improving financial decisionmaking.
- Prepared **booking control feature**, allowing hoteliers to **restrict reservations** for **specific rooms**, reducing overbooking issues
- **Restricted guest access to hoteliers' private management pages**, ensuring high-level data security and privacy.
- **Engineered automated email system** triggered upon booking confirmation, **decreasing guest inquiries regarding reservation status** by **20%**
- Enabled hoteliers to **easily list, manage, and deactivate hotels**, streamlining hotel operations

PYTHON RESERVATION SYSTEM

- Engineered a robust **OOP-based reservation** application using **Python**, automating the entire residency booking workflow, resulting in **zero errors** in booking over six months of operation.
- Built **classes** for managing Guests, Rooms, and Bookings, ensuring **modular** and **reusable code**, **reducing development time**
- **Integrated methods** for **room availability checks**, **booking validations**, and **data retrieval**, increasing operational efficiency and reducing booking processing time.
- **Enhanced performance**, enabling retrieval of guest data within seconds for up to **100+ bookings**, **improving system responsiveness** and overall user **satisfaction.**

TANAJI RESIDENCY MANAGEMENT SYSTEM

- Developed advanced **SQL stored procedures** for reservation management, automating key processes and reducing **manual errors** enhancing **operational efficiency.**
- Proposed database **triggers** to ensure **data consistency** and **automate room availability calculations**, leading to a **30% reduction** in manual data entry errors.
- Created **SQL functions** for **real-time monthly and yearly revenue reports**, improving management decisionmaking efficiency by **30%** and enabling faster insights.
- **Streamlined system performance**, achieving **faster query** execution for **500+ records** in the database, improving overall user experience.

SKILLS

- Web Development: HTML, CSS, JavaScript, Bootstrap
- Framework: Django Django Rest API (DRF), AngularJS
- Programming Languages: Python
- Database: SQL
- Development Tools: GitHub, Git, Visual Studio Code

CERTIFICATES

IBM Python Web Development	IBM [2024]
Core Web Designing (Html, CSS, Bootstrap)	IT VEDANT[2024]
Master In Full Stack Development	IT VEDANT[2025]
Full Stack Developent	Devtown [2024]
MySQL Completion Certificate	S poken Tutorial [2022]