

VISHAL PATIDAR

Software Developer

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Projects

Shop Management System

- Developed a secure and responsive shop management portal with user authentication and role-based access.
- Implemented product management features, including adding, updating, and removing products.
- Built robust cart, billing, and checkout systems for seamless user experience.
- Utilized PostgreSQL for data visualization and optimized database queries for efficient product search and filtering.

Vaccine System

- Designed a scalable and user-friendly vaccine management system using Django to streamline vaccination processes.
- Implemented role-based access control for administrators, healthcare providers, and patients.
- Integrated automated notifications for appointment reminders and updates, enhancing communication with parents.
- Utilized MySQL for data visualization in tabular format, ensuring easy interpretation and analysis.

Blood Donation System

- Developed a comprehensive blood donation management system using Django to streamline donor and recipient processes.
- Implemented secure role-based access for donors, recipients, and administrators with encrypted data storage for privacy compliance.
- Designed modules for donor registration, real-time inventory tracking, donation requests, and location-based blood drives.
- Utilized MySQL for data visualization and conducted thorough testing to ensure data accuracy and reliability.

Experience

Technomatz IT Solution PVT LTD

Indore, India

Trainee Software Developer

03/2023 - 03/2024

- Collaborated with senior developers to design, develop, and maintain server-side applications.
- Implemented and optimized APIs for seamless communication between the frontend and backend.
- Worked on database design, writing efficient queries, and ensuring data integrity.
- Participated in debugging, troubleshooting, and resolving issues in existing systems.
- Learned and adapted to new tools, frameworks, and technologies to meet project requirements.

Skills

Python • Django • MySQL • Postgresql • AWS (foundation) • Windows, Linux • Postman, Github, Jira

Certification

- Trainee Software Developer Certification, Technomatz IT Solution PVT LTD, Indore, Mar 2023 – Mar 2024
- AWS Cloud Computing Foundation Course Completion Certification, Tata STRIVE, May 2024 – Sep 2024
- Full Stack Web Development Internship Certification, Indvibe Infotech PVT LTD, Indore, Jan 2022 – Jun 2022

Education

Chameli Devi Group of Institutions

Indore, India

B.Tech in Computer Science and Engineering

07/2019 - 06/2023