SAURABH PARATE

Full Stack Developer — AI/ML Developer

📞 +91-8329641475   ✉ saurabhparate054@gmail.com   in Saurabh Parate

EDUCATION

JD College of Engineering and Management, Nagpur   **2021-2025**
B.Tech in Computer Science and Engineering   *CGPA: 9.46*

Shri Dnyanesh Mahavidyalaya, Navargaon   **2020-2021**
Higher Secondary Education (Science)   *Percentage: 92.67*

COURSEWORK

- Python Programming
- Django
- Angular
- React
- AIML
- Data Analysis
- Database Management System
- Data Visualization

PROJECTS

Doctor Appointment Management System | React, Django, Celery, AI/ML
- Developed a full-stack Doctor Appointment System using React (frontend) and Django (backend) to manage patients, doctors, schedules, and appointments efficiently.
- Implemented asynchronous background processing using Celery for appointment reminders, notifications, and heavy backend operations.
- Created an AI/ML-based QA Chatbot that answers hospital-related queries, enhancing user support and providing automated assistance.
- Built secure REST APIs, optimized database models, and integrated authentication for a seamless end-to-end experience.

Employee Management System | Angular, Django
- Developed a full-stack Employee Management web application using Angular for the frontend and Django REST Framework for the backend.
- Implemented CRUD operations for employee data, roles, and departments with efficient API communication and performance-optimized UI.
- Designed a clean and professional Angular interface with search, filters, and dynamic form validation to improve HR workflow.
- Integrated secure authentication and modular API structure for smoother and scalable management operations.

E-Commerce Backend System | Django
- Built a scalable Django-based backend for an e-commerce platform with modules for users, products, orders, payments, and inventory.
- Implemented Django **cronjobs** for automated tasks such as inventory updates, daily reports, and system cleanups.
- Used **Django Signals** to trigger automated workflows including email notifications and order-related updates.
- Integrated **Swagger API documentation** for clear and interactive API testing and developer collaboration.

SKILLS

Programming & Frameworks: Python, JavaScript, Django, Django REST Framework, React, Angular
Tools & Technologies: Celery, Swagger, Cronjobs, Git, GitHub, AI/ML (QA Chatbots), REST API
Database: MySQL, SQLite, PostgreSQL (basic)
Soft Skills: Leadership, Problem Solving, Decision Making, Teamwork, Communication

CERTIFICATIONS

- Earned NPTEL Elite Certification in "Introduction to Internet of Things" with a consolidated score of 86, issued by IIT Kharagpur (Jul-Oct 2024). **Click Here**

- Completed "MySQL for Beginners: A Complete Training" on Udemy, gaining foundational knowledge in database management and SQL queries (Aug 2023). **Click Here**

- Completed the "Google Data Analytics" certificate course on Coursera, gaining hands-on expertise in data analysis, SQL, Excel, and visualization tools. **Click Here**