Gaurav Maurya

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Profile Summary

Skilled Django Developer with hands-on experience in building scalable and secure web applications using Django and Python. Strong background in backend development, RESTful API integration, and database management. Experienced in writing and executing unit tests using **pytest** to ensure code reliability and maintainability.

EDUCATION

United Institute of Management, Prayagraj
 Master of Computer Applications (MCA**) | Sep 2024**   **CGPA: 7.2**

United Institute of Management FUGS, Prayagraj
Bachelor of Computer Applications (BCA) **| Aug 2022**   **CGPA:7.3**

TECHNICAL SKILLS

- **Languages & Frameworks:** Python, Django, SQL, HTML, JavaScript, CSS
- **Testing**: Pytest, Unit Testing
- **Web Technologies:** REST APIs, Bootstrap.
- **Database:** MySQL, SQLite.
- **Tools:** Git, VS Code, Jupyter Notebook
- **Other Skills:** Debugging, Agile methodology, API integration, Backend optimization

PROJECTS

Face Recognition System | GitHub
- Created a Python-based system with OpenCV, deployed in a test cloud environment.
- Automated attendance logging and MySQL data syncing, minimizing manual effort.

Predictive Dashboard – Tata Group Internship
- Visualized business KPIs using Power BI and DAX; integrated predictive logic in Python backend.
- Used Power Query for transformation and supported automatic refresh in Power BI Service.

Online Book Store - Django + SQL + Reporting | GitHub
- Built a full-stack Django application with authentication, cart management, and order processing.
- Used pytest for test coverage and validation of business logic.
- Integrated Django ORM with a secure SQL database to manage user and product data.

Work Experience

Python Developer | CrazyWebDev Technologies | Nov 2024 – May 2025
- Developed dynamic web applications using Django and Python with responsive front-end and secure backend.
- Designed RESTful APIs for seamless communication between frontend and backend systems.
- **Implemented test cases using pytest** to validate application logic and ensure code stability.
- Optimized SQL queries and backend logic for performance and scalability.
- Collaborated with UI/UX teams to translate business requirements into technical implementations.

Data Science Intern | Unified Mentor | July 2024 – Nov 2024
- Worked with Python libraries to clean and analyze datasets, supporting full-stack web projects.
- Assisted in debugging and resolving issues across the codebase using unit tests and scripts.

Certifications

- **Software Engineer Intern** | Hacker Rank | View Certificate
- **Cybersecurity** | Skill India
- **Advanced SQL** | Hacker Rank | View Certificate
- **Data Visualization** | Tata Group | View Certificate
- **ITIL Basics & ITSM Tools** – *(Training via academic & online resources)*

Courses

Python Programming **|** Data Science **|** Power Bi **|** Cybersecurity |IT Service Management (ITSM)|Google Analytics **|**VBA Basics