Sarthak Gadge

Django | Python | SQL | Rest API | Backend developer

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🪪 PROFILE

Detail-oriented Software Engineer specializing in backend development with expertise in Python and Django. Experienced in designing and optimizing RESTful APIs, implementing JWT authentication for secure data handling, and integrating Razorpay for seamless payment solutions. Proficient in MySQL database management and utilizing AWS S3 for efficient file storage. Tested APIs in Postman to ensure reliability and robustness.

💼 PROFESSIONAL EXPERIENCE

The DataTech Labs   Aug 2024 – present
Backend Developer Intern ⧉   Pune, India
- Developed and optimized **RESTful APIs** using the **Django REST Framework** with **JWT authentication**.
- Managed database operations using **SQLite** and **MySQL**.
- Implemented **role-based access controls** and **OTP verification** for secure user authentication.
- Thoroughly tested APIs using **Postman**.
- Integrated backend functionalities with **React Native** apps, contributing to a cohesive development process.

Data Lumina   Dec 2023 – Jan 2024
Data Analyst Intern ⧉   Pune, India
- Conducted **data cleaning** and **statistical analysis** to ensure data quality, utilizing **Python** and libraries such as **Pandas** and **NumPy** for **exploratory data analysis** (EDA).
- Created insightful **data visualizations** using **Power BI** to support informed decision-making and effectively communicate findings.
- Analyzed trends and patterns to contribute to the development of **data-driven strategies**, enhancing the organization's ability to make informed business decisions.

Out of the box solutions   Mar 2023 – May 2023
Wordpress Developer Intern   Pune, India
- Led a team of 5 in **developing and optimizing websites** for school-level competitions, ensuring seamless integration and enhanced user experience.
- Performed **SEO optimization** to improve search engine rankings, utilizing targeted keyword analysis and on-page SEO strategies.
- Managed and organized interschool competitions, overseeing website functionality and content to facilitate smooth event execution.

📂 PROJECTS

Hostel Management System
The Purple House
- Developed a **Hostel Management System** using **Django** to automate room allocation and manage student check-ins and check-outs.
- Provided secure backend management with **role-based authentication** for **Admin**, **Staff**, and **Students**, ensuring data privacy and security.
- Streamlined hostel operations, improving efficiency and user experience through a well-designed web interface and backend integration.

Employee Performance Management System
Suhana Masala
- Designed and maintained the backend architecture for the **Employee Performance Management System** using **Django**, ensuring efficient data handling and scalability.
- Developed and implemented **RESTful APIs** to support employee performance tracking, feedback submission, and report generation, enhancing accessibility for various user roles.
- Collaborated with frontend developers to ensure seamless integration of backend services, facilitating real-time performance monitoring and **role-based access control** for managers and employees.

Vetrina SCM ⧉
Vetrina Healthcare Private Limited
- Designed a custom backend to authenticate 25 distinct user roles, integrating it with the REST_FRAMEWORK settings to invoke the authentication function before every request.
- Developed a robust payment flow, including bill management and inventory/stock tracking, ensuring seamless transaction processing and efficient resource allocation.
- Contributed to streamlining user authentication and payment operations, enhancing the system's scalability and reliability.

🎨 SKILLS

> Programming Languages: Python, SQL; Data Science Techniques: Machine Learning, Scikit-learn, Exploratory Data Analysis (EDA)

> Frameworks: Django, Flask; Frontend Technologies: HTML, CSS; APIs: RESTful APIs, Django REST Framework, JWT Authentication

> Data Tools: Jupyter Notebook, Google Colab, Power BI; Database Management: SQLite, MySQL; Version Control: Git (GitHub)

🎓 EDUCATION

Bachelor's in Engineering in IT   2020 – 2024
Sinhgad Academy of Engineering   Pune, India
CGPA : 8.97

H.S.C (12th Standard)   2018 – 2020
Maharashtra College of Commerce and Science   Pune, India
Percentage: 68.9%

🧩 INVOLVEMENTS

Internship Coordinator (2022-2024)
Sinhgad Academy of Engineering
Held the position at Sinhgad Academy of Engineering, Pune, managing internships and ensuring student engagement in industry-related experiences.

🧩 CERTIFICATES

Pariyojna Pratiyogita (2024):
Secured 1st place at the BE project competition, sponsored by CODEZONE IT SOLUTIONS.

Astrothon 1.0 (2023):
Participated in a hackathon conducted by Team Astros.

Salesforce Certified AI Associate ⧉
Salesforce AI Certification – Trailhead by Salesforce (Dec, 2024)
Gained expertise in leveraging Salesforce AI features, including Einstein Analytics and GPT-powered tools, for business solutions.
Credential ID: 5351365