Suyash Agarwal

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SUMMARY

Proficient in Python, Django and Django-Rest, with a strong foundation in data structures and C++. A versatile full-stack developer with expertise in crafting robust and efficient web solutions. I have created, launched, and successfully designed end-to-end web applications for a variety of sectors thanks to my considerable full-stack development experience, And presently using Python and elasticsearch to optimize search.

EXPERIENCE

Software Engineer Intern
Orbit Fox Labs   September 2023- Present
- Optimized Elasticsearch for 30% faster searches, boosting efficiency at Orbit Fox Labs.
- Utilized Docker containers and Kibana to implement Elasticsearch and seamlessly pass data to the backend.
- Built high-performance Flask-based website backend using Python libraries for optimal functionality.

Core Tech Team Member
Startup Cell MITS   January 2023 - Present
- Assisted in the development of the cell's website.
- Managed and coordinated various events for the cell.
- Undertook diverse tasks to enhance the cell's ranking and overall functionality.

Backend developer
Octapin   July 2023 - August 2023
- Successful backend development, driving website growth via increased institute sign-ups.
- Increased speed of website by 120% using Django.
- Gained practical skills through real-life project insights.

PROJECTS

E-commerce
July 2023 - August 2023
- Optimized processes, achieving 25% time reduction.
- Designed responsive e-commerce site in React, offering engaging user experiences.
- Enhanced user experience with advanced product categorization, search, and efficient discovery, reducing search time by 30%.

Car Rentals
April 2023 - May 2023
- Revitalized agency involvement: Simplified registration, 5-image validation for vehicles, enhancing trust and market presence.
- 30% performance boost with optimized data storage. Admin and agencies securely manage vehicles.
- User-friendly UI for seamless car booking without complications.
- Efficient car filtering by brand and fuel type for quick user selections.

EDUCATION

Bachelor of Technology - BTech, Computer science and engineering
Madhav Institute of Technology and Science, Gwalior · 2025 · 8.25

Higher Secondary Education
Sanskar public School · Gwalior, MP · 2021 · 9.4

Secondary Education
St. Paul's School · Gwalior, MP · 2019 · 9.25

COURSEWORK

Database management system
2023

Design and analysis of algorithm
2022

Data Structures
2022

SKILLS

Front End:- HTML/CSS, JavaScript, React

Backend:- Django (Python), Rest Framework, MySQL, JQuery

C++ (DSA), C, Python