ANURAG KUMAR MAURYA

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SUMMARY

Backend developer proficient in **Python** with experience in building **scalable web applications, RESTful APIs, and microservices**. Strong understanding of **asynchronous programming, database management (MySQL, MongoDB), and cloud deployment**.

EXPERIENCE

Medius Technology ↗ | **Aug 2024- Oct 2024**
Web Development Intern | *Remote*

- Developed a **web application** for **Excel/CSV uploads, data summary reports, and automated email notifications**.
- Deployed the application on an **server**, ensuring efficient collaboration through **Git version control**.
- Streamlined **data processing and reporting** with **automated workflows and version-controlled deployment**.

PERSONAL PROJECTS

Microservices-Based API Gateway ↗ | Django, Flask, DRF, RabbitMQ, Docker, MYSQL   **Dec 24**

- Integrated **Django and Flask microservices** with **RabbitMQ** to improve **API interaction efficiency and reduce latency by 20%**.
- Designed **RESTful APIs** for **product and user management** with **MySQL** for efficient data storage and retrieval.
- Streamlined deployment using **Docker**, reducing deployment time by **40%**.

Data Visualization Tool ↗ | Node.js, Express.js, React.js, MongoDB, Chart.js, Redux, Axios   **June 24**

- Implemented **10+** interactive chart types using **Chart.js** for **data visualization**.
- Developed **15+ RESTful APIs** for **data management** and **user authentication** using **Express.js** and **Node.js**.
- **Utilized MongoDB** for **storing** and **managing** 1000+ user data and uploaded **JSON datasets**.

Real Time Chat App ↗ | HTML, CSS, Django Channels, SQLite   **Mar24**

- Developed a dynamic **chat platform** using **Django** and **WebSocket**, reducing response time by **60%**.
- Implemented **room-based chat functionality**, supporting **50+ rooms** for secure and targeted interactions.
- Enhanced user privacy with designated room-based communication.

TECHNICAL SKILLS

Languages: Python, C++,JavaScript, SQL, MongoDB, Redis
Developer Tools: VS Code, ArduinoIDE, Docker, AWS
Technologies/Frameworks:HTML5, CSS3, ReactJS, Django, Node.js, RestAPI, Git, GitHub,

EDUCATION

Ajay Kumar Garg Engineering College | **Nov 2021 – Present**
Bachelor of Technology in Artificial Intelligence and Machine Learning | *Ghaziabad, India*

EXTRACURRICULAR ACTIVITIES

Robotics Club - AKGEC ↗ | **Oct 2022- Present**
Team Leader | *Ghaziabad, India*

- Contributed as a member of the 30-person Robotics Club team, participating in various competitions, including ABU Robocon.
- Designed and implemented innovative robotic solutions, aiding the team's success in national and international competitions.

ACHIEVEMENTS

All India Rank (23) in Robocon 2023

1st Position in Scrolls'24