

ABHIMANYU KUMAR GAURAV

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Profile Summary :

Software Developer with expertise in **Python, FastAPI, and Web Scraping**, specializing in **scalable API development, data automation, and backend engineering**. Experienced in designing **efficient, production-ready systems** using **Docker, Playwright, and n8n**. Passionate about **solving complex problems** and optimizing backend performance.

Technical Skills :

- **Programming Languages:** Python, SQL, HTML
 - **Frameworks & Libraries:** FastAPI, Django, Playwright, BeautifulSoup, Pandas.
 - **Tools & Platforms:** Docker, Git, GitHub, Postman, Swagger UI, Jira, n8n.
 - **Expertise:** API Development, Web Scraping, Backend Engineering, Automation, Data Parsing, Containerization.
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Professional Experience :

Python Developer – Noetic It Services (August 2024 – December 2024)

Google Maps Scraper Tool (*Scalable Business Data Extraction System*)

- **Technologies:** Python, Playwright, FastAPI, Pandas, Docker.
- **Developed a robust web scraping system** to extract business data from **Google Maps**, handling dynamic content, infinite scrolling, and captchas.
- Designed a **FastAPI-based RESTful service**, allowing structured data retrieval in **JSON/CSV formats**.
- Utilized **Pandas** for data transformation, cleaning, and structured output.
- **Containerized the application using Docker**, improving deployment and scalability.

Automated Web Scraper (*Data Extraction & Processing Pipeline*)

- **Technologies:** FastAPI, Python, BeautifulSoup, n8n, Docker, Swagger UI.
- **Built a web scraping tool** using **FastAPI & BeautifulSoup** for structured data collection from multiple websites.
- Integrated with **n8n** to automate **data extraction, transformation, and storage**, reducing manual efforts by **70%**.
- **Containerized and deployed** the tool using **Docker**, enabling easy scaling and deployment.
- Tested and documented API endpoints using **Swagger UI & Postman** for seamless integration.

Backend System Enhancements Using Django

- **Technologies:** Django, Django REST Framework, Python, SQL, Git, Postman.
 - **Built and managed** scalable backend architecture using **Django and Django REST Framework**.
 - **Implemented secure user authentication, email verification, and session management systems.**
 - Improved performance by optimizing **ORM queries** and **reducing database response time**.
 - Worked closely with frontend teams to deliver seamless **API integrations** and **improve overall UX**.
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Education :

- **B.E. in Computer Science** | RITEE, Raipur | **CSVТУ, Bhilai**
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Additional Information :

- **Location:** Open to relocation
 - **Interests:** System architecture, backend optimization, automation, trading analysis, volleyball
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