

ABHIMANYU KUMAR GAURAV

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 **GitHub:** <https://github.com/Abhimanyu-Gaurav> |  **Portfolio:** <https://abhimanyuhub.onrender.com>

 **Python Backend Developer | FastAPI | Web Scraping | Automation**

Professional Summary :

Backend Developer skilled in **Python**, **FastAPI**, and **Web Scraping**, focusing on scalable API development, automation, and backend optimization. Experienced in building production-ready systems using **Docker**, **Playwright**, and **n8n**. Passionate about solving complex problems and enhancing 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, Containerization.
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Professional Experience :

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

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

- **Technologies:** Python, Playwright, FastAPI, Pandas, Docker.
- **Developed a web scraper** to extract business data from **Google Maps**, handling 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 maintained **REST APIs** for user authentication and data handling.
 - Implemented features like **login, signup, and email verification**.
 - Used **Django ORM** to interact with the database and optimize queries.
 - Worked with frontend developers to integrate and test APIs using **Postman**.
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Education :

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

- **Interests:** System architecture, backend optimization, automation, trading analysis, volleyball