

RAHUL KUMAR GUPTA

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SUMMARY

Motivated Backend & Cloud Developer with hands-on-experience developing and maintaining backend services and APIs within startup environments. Built efficient Python-based REST endpoints and worked closely on infrastructure tasks in cloud settings, while supporting production stability through log monitoring, alerts and integrations. Passionate about learning new technologies and continuously improving system performance.

SKILLS

Docker, Python, NGINX, Linux, Git/Github, Azure, CI/CD, AWS (EC2, S3, Lambda, VPC), FastAPI/Flask API, REST APIs, SQL, PostgreSQL, N8N, Azure AI Foundry

WORK EXPERIENCE

Backend Engineer (Azure) - Centralfleet.ca

April 2024 - October 2025

- Assisted in design and deployment over 10 CI/CD-enabled Azure serverless APIs to support operational workflows.
- Built an event-driven transport order pipeline on Azure using Functions, Event Grid, and OpenAI, automating form parsing, quote generation, and CRM integration, reducing manual work and improving response time by 40% processing 550+ orders.
- Monitored operational health of backend services through logs, proactively mitigating incidents.
- Integrating many azure services into application architecture, such as Azure function, Azure SQL, Azure AI Foundry blob storage, App Logic and more.
- Deployed and maintain self-hosted automation stack including n8n, Perplexica (AI-powered search), and SearXNG on VMs and container platforms.

Backend Intern - Autonerd.io

November 2023 - April 2024

- Built and deployed cloud-based web scraper and automation scripts, improving internal workflows and enhancing overall operational efficiency.
- Set up an advanced sales dialer system that streamlined communication processes and boosted the productivity of the sales team.
- Collaborated with senior Bubble developers on Web App development and Zoho CRM integrations, contributing to feature implementation and seamless system connectivity.

EDUCATION

July 2022 - Dec 2025

Bachelor of Computer Application

Indira Gandhi National Open University

PROJECTS

- TermiXAI (AI-Powered Shell Assistant)** – Transform your terminal into an intelligent conversation
- Containerised MCP servers** - a set of stateless Model Context Protocol (MCP) microservices
- Azure function SQL binding** - run serverless functions that react to SQL database changes (SQL-triggered workflow)