Rajat Sharma

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Location: Hapur, Uttar Pradesh, India

Career Objective

As a passionate and self-driven B.Tech (AI & ML) student with a solid background in mechanical engineering, I bring hands-on experience in Python development and network automation. Currently interning at Genpact as a NetDevOps engineer, I've contributed to impactful automation workflows and custom scripts. I aim to work in a dynamic environment where I can enhance my technical skills and grow as a Python Developer or Network Automation Engineer.

Education

B.Tech in Artificial Intelligence & Machine Learning
Sanskar Institute of Technology, Jindal Nagar, Hapur
2022 – 2025 (Pursuing)

Polytechnic Diploma in Mechanical Production
SGIT, Jindal Nagar, Hapur
2016 – 2019

12th (Senior Secondary)
NIOS – National Institute of Open Schooling
Completed in 2020 – 68%

Work Experience

NetDevOps Intern
Genpact – May 2025 to Present

- Collaborating on network automation using **Itential** and **Ansible**.
- Built **transformation workflows** and **command templates** to support scalable automation.
- Developed an **Inventory Management Tool** using Python to detect missing network devices and auto-generate reports.
- Created a Python-based **anomaly detection script** to identify missing NAT policies.

Assistant Supervisor
Better Sleep Solutions LLP, Sonepat, Haryana – March 2021 to November 2022

- Led production operations and team coordination on the shop floor.
- Maintained consistent quality standards and prepared daily operational reports.

Projects

Inventory Management Tool *(Genpact Internship)*

- Python tool to verify network devices and auto-generate missing device reports.

Anomaly Detection Script *(Genpact Internship)*

- Python script that detects and flags missing NAT policies.

Hotel Management Tool *(College Project – Jan 2025)*

- Python-based application with an interactive menu and final billing system.

Rock-Paper-Scissors Game *(College Project – Nov 2024)*

- Fun, interactive game built in Python demonstrating logic and user interaction.

Final Year Project: Knowledge RAG Bot

- Python chatbot capable of reading documents and responding to user queries.

- Developed the core logic for document parsing and response generation.

Technical Skills

- **Languages**: Python

- **Libraries/Tools**: Numpy, Pandas, Netmiko, Ansible, Itential, Linux

- **Interests**: Python Development, Network Automation, AI & ML

Soft Skills

- Leadership & Team Management

- Effective Communication

- Problem Solving

- Adaptability

Achievements

- 1st Prize – *Nukkad Natak*

- 1st Prize – *Tug of War*