

DRISHAN GUPTA

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WORK EXPERIENCE

PayBefikar **Automation and Backend Engineer** **July 2024 – August 2024**

- Led the project for automation of bill fetching and verification through BBPS APIs increasing the efficiency by 200%.
- Established a complete administrator dashboard with 4-layer admin control system using Django.
- Ensured 0% down-time with CI/CD pipelines using GitHub actions.
- Increased the workflow efficiency by at-least 50% due to the automated data pipelines.

LinuxWorld Informatics Pvt Ltd **Software Development Intern** **July 2023 - August 2023**

- Developed a fully functional Artificial Intelligence platform app using Python TUI and Python full stack.
- Utilized AWS Linux CLI and Docker for application deployment.
- Worked for 400+ hours in just 45 days, earning the company recognition.

EDUCATION AND LEADERSHIP

Poornima College of Engineering **Jaipur, Rajasthan** **September 2023 – 2027**

B.Tech in Computer Science and Engineering

- **Founded and Captain AWS Cloud Club:**
Organized 20+ workshops and events engaging 1100+ students through interactive sessions. (Community)
- **Co-Organized Hack-IT-Sapiens**
Managed logistics and technical sessions for Rajasthan's top college hackathon, attracting 140 teams and 2500+ registrations.

RELEVANT PROJECTS

Traffic Management System **October 2023 - February 2024**

A computer vision solution to solve congestion and long wait times on traffic intersections.

- Developed a computer vision solution to optimize traffic light timings and reduce congestion.
- Achieved 95% accuracy using OpenCV and YOLOv8.
- Utilized Google Maps API to identify crunch zones.
- Built adaptive algorithms and simulations using PyGame.

Custom Productivity Management Platform **December 2023 - January 2024**

A platform optimizing workspace efficiency by providing various tools and services.

- Created a Python based productivity manager with Tkinter GUI.
- Integrated a homebrew paint, notepad. This task used some core data structures and algorithm concepts.
- Hosted a web app on EC2 with S3-based feedback form.

CERTIFICATIONS

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|---|------------------|
| • AWS Certified Solutions Architect Associate | Nov. 2024 - 2027 |
| • AWS Certified AI Practitioner | Apr. 2025 - 2028 |
| • RedHat Certified System Administrator | Jul. 2025 - 2028 |
| • AWS Certified Developer Associate | Aug. 2025 - 2028 |

TECHNICAL SKILLS

- Programming Languages: Python, C/C++, Java.
- Frameworks/Libraries: Matplotlib, Seaborn, Pandas, PyTorch, TensorFlow, NumPy, scikit-learn, Keras, Django.
- Technologies: Machine Learning, AWS, GCP, Linux/UNIX CLI, Docker, PostgreSQL.