

Mayank Raj

[Linkedin](#) | [Portfolio](#)
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EDUCATION

Vivekananda Institute of Technology
Bachelor of Technology in Computer Science

Jaipur, Rajasthan
June 2022 - Present

CCL DAV Public School

12th CBSE Board
88%

Giridih, Jharkhand

2022

SKILLS SUMMARY

- **Languages:** Python, C, C++, HTML
- **Frameworks:** Pandas, Numpy, Scikit-Learn, Matplotlib, Flask, Streamlit, Pywhatkit
- **Tools:** Git & Github, Docker, Jenkins, Nginx, Ansible, Prometheus
- **Platforms:** AWS, Jupyter Notebook, Google Colab, Visual Studio Code, Cursor
- **Soft Skills:** Consistency, Hardworking, Good listener, Learner, Punctual
- **OS:** Linux (Ubuntu, Redhat), Windows

EXPERIENCE

Linux World Informatics Pvt Ltd | Internship | Jaipur, Rajasthan | 15th June 2025 - 1st August 2025

- **Automation Project:** Engineered a **CI/CD** pipeline with Jenkins, automating GitHub file fetching and deployment to eliminate manual intervention and accelerate project delivery.
- **Web Development & Deployment:** Designed and configured a live website using **Bolt AI** and Cursor, handling the full deployment process to ensure global accessibility.
- **Streamlit Interactive Project:** Developed a comprehensive, menu-driven **Streamlit** application that consolidated various tasks, including Linux/Docker command execution and a suite of Python automations for Pywhatkit and Instagrapi, significantly enhancing user productivity.

PROJECTS

1. House Price Prediction & Deployment

Technologies: Python, Flask, Scikit-Learn, AWS, Nginx, Linear Regression, Duckdns

- Developed a **house price prediction model** using **Linear Regression** in Jupyter Notebook
- Built a **Flask API** to serve the model and handle user requests.
- Deployed the application on AWS EC2, ensuring scalability and availability.
- Configured Nginx as a reverse proxy.

2. Web Hosting & Deployment Project

Technologies: AWS EC2, Nginx, DuckDNS, Linux

- Hosted a gym website on an AWS EC2 instance.
- Configured Nginx as a reverse proxy to handle web traffic efficiently.
- Set up a DuckDNS domain for dynamic DNS resolution.

CERTIFICATIONS & ACHIEVEMENTS

- Certificate of Completion of Python for Data Science provided by Great Learning Academy
- Have done a hands on practice on the book "Hands on Machine Learning with Python" by Aurelin Geron

ADDITIONAL INFORMATION

- Hobbies & Interests: Playing Chess, Fitness, Watching Movies & Web Series.
- Languages Known: English, Hindi

"I hereby declare that the above-mentioned information is true to the best of my knowledge and belief."