Priyanshu Kumar

p9958536954@gmail.com | +91 9958536954 | LinkedIn | GitHub

PROFESSIONAL SUMMARY

Results-oriented B.Tech Computer Science and Engineering student specializing in **Cloud Computing** and **DevOps**, complemented by a strong foundation in **ML/AI** and **Full-Stack Engineering**. **Developed** scalable cloud-native solutions, **engineered** machine learning models, and **automated** processes to enhance efficiency. Eager to **leverage** technical skills and research experience to **solve** complex challenges and **drive innovation** in dynamic environments.

TECHNICAL SKILLS

Languages: Python, Java, C++, SQL, JavaScript, HTML, CSS, Bash

Frameworks: Flask, Streamlit, React, Node.js, Pandas, NumPy, Scikit-learn, Matplotlib

Cloud/DevOps: AWS, Azure, IBM Cloud, Linux, Git, CI/CD, Cloud Security

Databases: MySQL, MongoDB

Other: REST APIs, Microservices, Data Structures, Cloud Architecture, Data Analytics, Model Deployment, Automation, IoT Integration

PROJECTS

Forest Fire Prediction System   Sep–Dec 2024

- **Constructed** an end-to-end ML pipeline (Random Forest, Decision Tree, PCA) in Python with Flask/MySQL, **achieving** 92% high-risk accuracy.

Deepfake Detection System   Feb–Mar 2025

- **Developed** REST API and frontend for deepfake classification (CNN+LSTM).

EXPERIENCE

Research Intern, GHG Emissions Monitoring Project   May–Jul 2024
Remote   *UAE*
- **Orchestrated** Agile team of 4; **scheduled** sprints and **monitored** milestone deliverables for cloud-based analytics.
- **Engineered** machine learning models (Python, scikit-learn) for real-time fleet GHG forecasting with IoT data.
- **Designed** Streamlit dashboards on AWS for comprehensive analytics, KPIs, and sustainability reporting.
- **Automated** carbon credit analytics, **reducing** reporting time by 40%.
- **Authored** technical documentation and **communicated** actionable insights across teams.

EDUCATION

Vellore Institute of Technology (VIT), Bhopal   2023–2027
B.Tech, Computer Science and Engineering (Cloud Computing & Automation)   CGPA 8.25/10

Kendriya Vidyalaya Janakpuri, Delhi   2023
Class XII, CBSE Board   84.6%

International Indian Public School (IIPS), Riyadh   2021
Class X, CBSE Board   84.6%

CERTIFICATIONS

- **AWS Certified Cloud Practitioner**

- **Microsoft Certified: Azure Data Fundamentals (DP-900)**