

# MOHIT SHARMA

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## Education

<b>Swami Keshwanand Institute of Technology, Jaipur</b>	2023 – 2027
Bachelor of Technology in Computer Science	CGPA: 9.3/10
<b>Beetles International School, Jaipur</b>	2022
Senior Secondary (XII, CBSE)	83.6%

## Technical Skills

**Languages/Frameworks:** Python, C, C++, Streamlit, Gradio, Bash

**Cloud:** AWS, Apache Web Server, IaC(Terraform, Ansible)

**DevOps:** Docker, Kubernetes, Jenkins, Git, GitHub, GitLab, CI/CD Pipelines, Prometheus, Grafana, Shell Scripting, Linux Administration, System Monitoring

**AI/ML:** Deep Learning, CNN, TensorFlow, PyTorch, Keras, Pandas, NumPy

**Tools:** Scikit-Learn, VS Code, Dev C++, GitHub CLI

## Experience

### DevOps, Cloud, MLOps & AI/ML Intern

Jun – Aug 2024

*Linux World Pvt. Ltd.* — Certificate

Jaipur, Rajasthan

Built an MLOps Platform App (Python TUI).

Worked with Docker, Jenkins, Kubernetes, AWS, Terraform, Ansible, GitHub, Grafana, Linux.

Automated pipelines, improving deployment efficiency.

## Projects

**CI/CD Pipeline Automation** — Docker, Jenkins, Git, Kubernetes Designed and implemented an automated build-test-deploy pipeline.

**AI Powered Pneumonia Detection** — Deep Learning, Docker, AWS cloud Created a website that will detect Pneumonia with help of X-ray.

**Infrastructure as Code (IaC)** — Terraform, AWS, WordPress, Nginx Automated AWS infrastructure provisioning with one-command WordPress deployment.

**DevOps Pipeline with GitLab** — GitLab CI/CD, Docker, AWS Developed a zero-downtime CI/CD pipeline for a Flask app.

**Titanic MLOps Pipeline** — Scikit-learn, MLflow, Docker, FastAPI Built an end-to-end MLOps pipeline for training and deploying models.

**Prometheus & PromQL Monitoring System** — Prometheus, PromQL, AWS EC2 Monitored Linux VMs and Docker containers with custom alerts.

## Certifications

OCI 2025 DevOps Professional (Oracle) — Certificate

OCI 2025 Generative AI Professional (Oracle) — Certificate

OCI 2025 Multicloud Architect (Oracle) — Certificate

AWS Cloud + AI Workshop

NPTEL: DSA (C++), DBMS

## Achievements & Extracurriculars

Founder & CEO — NeuroAura (Start-up: Emotional Fingerprint Generator) Website

Research Paper — Emotion AI Recruitment Tools (IJRRR) View Paper

Top-10 — Collage Hackathon (SKIT Jaipur)

Winner — Hackverse Hackathon (Gurugram)

## **Positions of Responsibility**

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Coordinator – BGMI Event, Annual Fest Pravah, SKIT Jaipur

Volunteer – ICI Fest, SKIT Jaipur