Mohit Sharma

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Summary

B.Tech student specializing in **DevOps, Cloud Computing, and Machine Learning**, with hands-on experience from internships, hackathons, and projects. Skilled in building automation pipelines, scalable infrastructure, and AI-powered applications. Passionate about delivering impactful solutions and continuously learning emerging technologies.

Education

Swami Keshwanand Institute of Technology, Management & Gramothan – Jaipur, Rajasthan
Bachelor of Technology in Computer Science & Engineering | 2023 – 2027 | CGPA: 9.3/10
Beetles International School – Jaipur, Rajasthan
Senior Secondary (XII) – CBSE Board | 2022 | 83.60%
Mount Carmel Convent School – Jaipur, Rajasthan
Secondary (X) – CBSE Board | 2020 | 87.60%

Technical Skills

- **Programming Languages / Frameworks**: Python, C, C++, Streamlit, Gradio
- **Cloud:** AWS (EC2, Lambda, API Gateway, S3, IAM, VPC), Apache Web Server, IaC(Terraform, Ansible)
- **DevOps**: Docker, Kubernetes, Jenkins, Prometheus, Git, GitHub, CI/CD Pipelines, Shell Scripting, Linux Administration, System Monitoring
- **Machine Learning / AI:** Deep Learning, CNN, NLP, GANs, Pandas, NumPy, TensorFlow, PyTorch, Keras
- **Tools:** Scikit-Learn, VS Code, Dev C++, GitHub CLI
- **Courses:** DBMS, OOPs, Operating System, Computer Network

Experience

DevOps, Cloud, MLOps & AI/ML Intern – Linux World Pvt. Ltd., Jaipur | Certificate
June 2024 – August 2024

- Developed an MLOps Platform App with Python TUI.
- Worked with Docker, Jenkins, Kubernetes, AWS, Terraform, Ansible, Git, GitHub, Grafana, and Linux administration.
- Built automation pipelines, improving deployment efficiency.

Web Development Intern – SKIT, Jaipur | Certificate
2023

- Built and styled responsive web pages using HTML, CSS, and JavaScript.
- Improved UI/UX performance through optimized design and responsive elements.

Projects

Full CI/CD Pipeline – [GitHub](#)

- Built an automated build–test–deploy CI/CD pipeline.
- Tech Stack: Docker, Jenkins, Git, GitHub, Kubernetes

Microservices Scaling with Docker – [GitHub](#)

- Implemented microservices with Docker containerization, automated scaling, and load balancing.
- Tech Stack: Docker, Docker Compose, Microservices, Load Balancing

Multinode Kubernetes Cluster – [GitHub](#)

- Deployed and managed a multi-node Kubernetes cluster for scalable application orchestration.
- Tech Stack: Kubernetes, Docker, Cluster Management, Orchestration

Achievements / Extracurricular

- **Founder & CEO — Neuroaura(Start-up) -** Emotional Fingerprint Generator

- Published research paper on AI emotion detection risks in **the International Journal of Recent Research and Review(IJRRR)**
- **Winner –** Hackverse Hackathon (Gurugram)
- **Participant –** Hackcrux (LNMIIT Jaipur)
- **NPTEL Certifications –** Data Structures & Algorithms (C++), Database Management Systems (DBMS)
- **AWS Cloud with Artificial Intelligence –** Workshop (AWS, Computer Vision, Python, AI)

Positions of Responsibility
- **Coordinator –** BGMI Event, Annual Fest Pravah, SKIT Jaipur
- **Volunteer –** ICI Fest, SKIT Jaipur