

Akshat Kumar Saini

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Professional Summary

Red Hat Certified System Administrator (RHCSA) with a strong foundation in **Linux, Kubernetes, Azure DevOps, Docker, and Grafana**. Trained in building **CI/CD pipelines**, managing cloud environments, and deploying scalable and reliable systems. Experienced in hands-on **Full Stack Development**, with a strong focus on problem-solving, continuous learning, and building efficient, reliable systems.

Experience

DevOps Intern — Hoicko Technologies, Udaipur, Rajasthan

Sep 2025 – Nov 2025

- Worked on **Kubernetes**-based deployments and container orchestration for scalable applications.
- Configured **CI/CD pipelines** using **Azure DevOps** to automate build, test, and deployment processes.
- Managed **DigitalOcean** resources for secure data storage and retrieval.
- Setup **Grafana** dashboards for system monitoring and performance visualization.

Intern — Nasscom ML Internship, Udaipur, Rajasthan

Dec 2022 – Feb 2023

- Worked with **Python** and **machine learning libraries** such as NumPy, Pandas.

Projects

AI SaaS Web App — Full Stack Project

- Developed and deployed a **full-stack AI SaaS application** using **React.js, Node.js, Express.js, and PostgreSQL**.
- Integrated **Clerk authentication** and **OpenAI API** for dynamic AI-powered content generation.
- Utilized **Neon** as a cloud-native PostgreSQL backend and deployed both frontend and backend on **Vercel**.

🔗 [Live Demo](#)

Docker-Integrated Authentication System — React, Node.js, Redis, ClickHouse

- Developed a login and signup authentication system using React.js (frontend) and Node.js + Express.js (backend).
- Implemented JWT-based authentication with bcrypt password hashing for secure user access.
- Deployed Redis and ClickHouse on Docker for session/token handling and user data storage.

Skills

Languages: C/C++, JavaScript, Python, HTML, CSS

Web Development: React.js, Node.js, Express.js, RESTful APIs, Tailwind CSS, Bootstrap

Databases: MongoDB, MySQL, PostgreSQL, ClickHouse, TiDB

DevOps & CI/CD: Docker, Kubernetes, Jenkins, Azure DevOps, Ansible

Cloud & Infrastructure: AWS, Linux Administration (RHEL/Ubuntu)

Version Control & Management: Git, GitHub

Monitoring & Tools: Grafana, System Administration, Networking

Virtualization & Hypervisors: VMware, Proxmox, VirtualBox

Education

Techno NJR Institute of Technology – Udaipur, Rajasthan

Bachelor of Technology in Computer Science Engineering

(09/2022 – 06/2026) | Current CGPA: 8.28/10

Certifications

- Red Hat Certified System Administrator (RHCSA) – 2025 (ID: 250-121-621)
- Full Stack Web Development Using MERN – (Grass Solutions)