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 – Present

- Working on **Kubernetes**-based deployments and container orchestration for scalable applications.
- Configuring **CI/CD pipelines** using **Azure DevOps** to automate build, test, and deployment processes.
- Managing **DigitalOcean** resources for secure data storage and retrieval.
- Setting up **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, Docker

- 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)