SANTOSH KUMAR

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EDUCATION

Rawal Institute of Engineering and Technology   Haryana, India
Bachelor of Technology (CSE) | CGPA: 8.05   **June 2023 - August 2027**
Sarvodaya Bal Vidyalaya school   Delhi, India
12th | CBSE | 66%   **May 2022 - April 2023**

SKILLS SUMMARY

- **Cloud:** AWS, AZURE
- **Version Control:** Git, GitHub, GitHub Action, GitLab
- **Languages:** C, C++, Bash, Yaml, Python(basic)
- **Linux Administration:** Ubuntu, Kali Linux, Debian, Fedora.
- **DevOps Tools:** Docker, Kubernetes, Jenkins, Ansible, Chef
- **Monitoring Tools:** Nginx, Apache, Prometheus, Grafana, SonarQube
- **Other Skills:** strong troubleshooting, Problem-solving, and log analysis

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PROJECTS

End-to-End GitOps-Based CI/CD Implementation for Voting App | AZURE

- Migrated existing GitHub Actions workflows to Azure DevOps for streamlined CI/CD management.
- Implemented a GitOps workflow using ArgoCD with AKS and ACR for automated deployments.
- Configured a self-hosted Azure DevOps agent on a VM to enhance build efficiency and reliability.

Retail Store Sample App – GitOps with Amazon EKS Auto Mode | AWS

- Built a production-ready workflow with a CI/CD pipeline using GitHub Actions and Terraform for deployment.
- Configured private ECR repositories with commit-based image tagging and automated application updates
- Integrated AWS services (EKS, ECR, IAM, Load Balancer) with Helm and Argo CD for scalable GitOps deployments.

ZOMATO Clone App – End-to-End DevOps & Cloud Deployment

- Deployed a full-stack ZOMATO App using Docker and Kubernetes, ensuring scalable, containerized environments.
- Built an end-to-end CI/CD pipeline with Jenkins, GitHub, and Argo CD, integrated with SonarQube, Trivy, OWASP
- Implemented monitoring using Prometheus & Grafana, providing real-time metrics & dashboards for performance.

EXPERIENCE

Technology Virtual Internship — Coding & Development   **JUNE 2025**

- Applied Python and data structures to build efficient coding solutions in a professional environment.
- Demonstrated strong formal communication and planning while organizing tasks and presenting technical ideas.
- Followed software development best practices, including modular code, debugging, and version control.

Cyber Security Virtual Internship — Online Experience   **AUG 2025**

- Developed foundational understanding of computer networking, TCP/IP protocols, and secure communication.
- Performed log analysis to identify anomalies, suspicious patterns, and potential security risks.
- Applied web security best practices (OWASP, HTTPS, authentication) to reduce vulnerabilities.

ADDITIONAL INFORMATION

- **Technical Skills:** DEVOPS, CLOUD, CYBERSECURITY
- **Languages:** ENGLISH, HINDI
- **Certifications:** Certificate in Technology and Cybersecurity (Deloitte Australia — Virtual), 2025
- **Technical Activities:** Coding competitions, Cloud labs, Open-source contributions