



Sakshi

D.O.B: 13th February 2003
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Portfolio: [Sakshi - DevOps & Cloud Engineer](#)

PROFESSIONAL SUMMARY

Computer Science Engineering student specializing in DevOps and, with hands-on experience in AWS, Azure, Docker, Kubernetes, along with various tools. Strong in problem-solving, team collaboration, and delivering scalable, cloud-based solutions.

TECHNICAL COMPETENCIES

Languages: Bash Scripting, Java, JavaScript, C, C++

Web Development: HTML, CSS, React.

Database: MySQL, MongoDB

Cloud & DevOps: AWS, Azure, Docker, Kubernetes, Serverless Computing and Cloud Security practices

Tools: Git, GitHub, CI/CD

Monitoring and Logging tools: Jenkins, GitHub Actions, GitLab CI

IaC Tools: Terraform, CloudFormation

Core Concepts: Linux, Com. Networks, Network OS, DSA, Cybersecurity

INTERPERSONAL SKILLS

Team Skills | Leadership | Management & Coordination | Decision Making | Critical & Creative Thinking | Reasoning | Communication Skills | Problem Solving

INTERESTS & HOBBIES

Exploring Cloud Tools | Exploring Web UI/UX Design

LANGUAGES KNOWN

English | Hindi | Maithili

EDUCATION

Bachelors in Computer Science Engineering [with specialization in DevOps] | Chandigarh University, Gharuan

Session: 2022-2026 | Score: 8.21 CGPA

Intermediate | Kendriya Vidyalaya AFS Thane Kolshet: 2021 | Percentage: 90%

Matriculation | Kendriya Vidyalaya AFS Thane Kolshet: 2018 | Percentage: 77%

PROJECTS

DevOps Quest – A Gamified Learning Platform for Progressive DevOps Education and Skill Development (Project)

July 2025 – Ongoing

- Developed a gamified web platform using React, Firebase, and MongoDB to teach DevOps through quests and interactive simulations.
- Implemented Docker, Kubernetes, Jenkins, and GitHub Actions for hands-on CI/CD pipeline demonstrations.
- Deployed on AWS and Azure using Terraform and CloudFormation, integrating Serverless Computing and Cloud Security practices.
- Automated backend operations with Linux, Bash scripting, and networking fundamentals, enhancing scalability and reliability.

E-COMMERCE WEBSITE (Dockerized)

January 2025 – March 2025

- Developed a responsive e-commerce frontend with HTML, CSS, and JavaScript.
- Dockerized with NGINX for portability, scalability, and easy deployment.
- Enabled hosting with Docker and future backend/database integration

FOODISTA – Modernizing Food Services at Chandigarh University: A Token System and Integrated Digital Platform (Project)

July 2024 – December 2024

- Developed a web and app-based platform for campus food services with real-time order tracking.
- Implemented digital tokens to optimize queue management and reduce wait times.
- Integrated live menu browsing, pricing, discounts, ratings, and reviews for better user experience.

CYBER ATTACKS ON UNIFIED PAYMENTS INTERFACE (UPI) (Research Paper)

January 2024 – May 2024

- Analyzing UPI security vulnerabilities, phishing scams, and unauthorized transactions.
- Investigating cyber fraud trends in digital payments and proposing encryption-based security measures.

CERTIFICATIONS

- Oracle Cloud Infrastructure Generative AI Professional [July, 2024]
- Microsoft Azure Fundamentals [June, 2023]