



SANDHYA KUMARI

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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 Technologies: HTML, CSS, React

Databases: 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

INTERPERSONAL SKILLS

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

INTERESTS & HOBBIES

Exploring Cloud Tools | Exploring Web UI/UX Design

LANGUAGES KNOWN

English | Hindi

EDUCATION

Chandigarh University,
B.E Computer Science Engineering with Specialization in DEVOPS.

Session. 2022-2026 | Score: 7.65 CGPA

KV AFS High grounds, Chandigarh: 2022

Intermediate (CBSE) | Percentage: 82%

GD Goenka Public School, Gaya, Bihar: 2020

Matriculation (CBSE) | Percentage: 84%

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.

FOODISTA

July 2024 -December 2024

- Modernizing Food Services at **Chandigarh University**- A Token System and Integrated Digital Platform.
- To **streamline** and **modernize** the food stalls and shops in and around Chandigarh University by implementing a token system and developing an integrated **website/app**.

ANALYTICAL APPROACH ON CYBER SECURITY (Research Paper)

January 2023 – March 2023

- The **project** aimed to conduct an in-depth analysis of various cybersecurity measures to evaluate their effectiveness in **safeguarding data against potential threats**.
- This involved exploring different tools, techniques, and methodologies used to protect **sensitive information from Cyber Attacks**.

CERTIFICATIONS

- Oracle cloud Infrastructure Generative AI (29-07-2024)