

CHANDAN GOYAL

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SUMMARY

Ambitious AWS and DevOps Engineer with practical experience in creating CI/CD pipelines, infrastructure automation with Terraform, and managing scalable cloud resources on AWS. Proficient in services such as EC2, S3, VPC, ELB, CloudFormation, IAM, CloudWatch, and Route 53, with knowledge of tools such as Docker, Jenkins, and SonarQube. Solid experience in cloud networking, system monitoring, and Linux environments.

EDUCATION

Guru Nanak Dev Engineering College

Btech in Computer Science and Engineering(8.7)

Ludhiana, Punjab, India

September 2022 - June 2025

Guru Nanak Dev Polytechnic College

Diploma in Computer Science and Engineering(81)

Ludhiana, Punjab, India

July 2019 - May 2022

Dayanand Adarsh Vidyalaya Sr. Sec. School

10th (85)

Ahmedgarh, Punjab, India

March 2019

TECHNICAL SKILLS

DevOps Concepts: CI/CD, Infrastructure as Code (IaC), Monitoring, Microservices, Automation

Tools and Technologies: AWS, Docker, Jenkins, SonarQube, GitHub, Ansible, Terraform, Nexus Repository, Kubernetes (basic)

Systems and Practices: Containerization, Virtualization, Load Balancing, Auto Scaling, Code Quality Analysis

Networking: TCP/IP, DNS, Subnetting, HTTP/HTTPS, SSH, Security Groups

Databases: MySQL

Languages: Python

Operating Systems: Linux (Ubuntu), Windows

WORK EXPERIENCE

DevOps Intern

Senworx Tangibles Pvt. Ltd., Chandigarh, India

July 2024 – Jan 2025

- Designed and implemented fully automated pipelines using Jenkins, Docker, and AWS EC2, reducing manual deployment time by 60%.
- Developed Infrastructure as Code (IaC) templates using Terraform and Ansible, streamlining environment provisioning and reducing configuration errors.
- Monitored system health and performance using Prometheus and Grafana, contributing to 30% faster issue resolution and improved uptime.
- Integrated code quality analysis using SonarQube and configured Maven builds with automated Slack notifications for deployment statuses.
- Managed cloud resources on AWS, including EC2, RDS, IAM, and CloudWatch, ensuring secure and scalable infrastructure.

PROJECTS

- SnapCraft Nexus: Streamlined GUI Interface for Linux Software Installation** - SnapCraft Nexus represents a groundbreaking approach to simplifying the installation process of software on Linux systems.
 - Developed SnapCraft Nexus, a GUI tool for Linux using Python and PyQt.
 - Integrated Snapcraft package manager features like search, navigation, and package management.
- Cloud-Based Automated CI/CD:**
 - Built a cloud-based CI pipeline using Jenkins, AWS, Docker, SonarQube, Maven, Slack, ECR.
 - Leveraged AWS EC2 instances for scalable infrastructure management and automated deployments.
- TitanicOps ML Prediction App: Survival Prediction Model**
 - Trained and deployed a Streamlit-based ML app using scikit-learn, Dockerized and hosted on AWS EC2.

EXTRACURRICULAR ACTIVITIES

- Member** in Data Science club - March 2023
- Event Management** in CSI(Computer Science India) Club - August 2023