

MOHIT SONI

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PROFILE SUMMARY

Enthusiastic and detail-oriented Computer Science graduate with a strong interest in DevOps and Cloud Engineering. Skilled in CI/CD pipelines, Docker, Kubernetes, and Git. Familiar with AWS and Linux environments through hands-on projects. Excited to use my skills to automate tasks and make the development process smoother and more efficient.

EDUCATION

Ambala College of Engineering and Applied Research *July 2025 - Completed*
B.Tech Computer Science and Engineering CGPA: 7.4/10
Affiliated to Kurukshetra University

Govt Polytechnic Ambala City ,Ambala *July 2022*
Diploma in Mechanical Engineering Percentage: 70

Sivananda Praveen Public School, Yamunanagar *April 2019*
CBSE Board (10th) Percentage: 78.9

TECHNICAL STRENGTHS

Cloud Providers	AWS
Iaac	Jenkins , Jenkins pipeline
Containerization	Docker
Orchestration Tool	Kubernetes , Helm Charts
Container Registry	Dockerhub , AWS Elastic Container Registry
Source Code Management	Git , Github
Web Server	Tomcat
Monitoring Tools	AWS CloudTrail , AWS CloudWatch , Prometheus , Grafana
Programming Languages	Python, HTML , CSS
Libraries & Frameworks	Numpy , Pandas , Sckit-learn , Matplotlib , BeautifulSoup
Data Visualization	PowerBi , Matplotlib , Orange
Tools & Environments	Jupyter Notebook , Visual studio code
Operating System	Window , Linux
Scripting Languages	Shell Scripting

PROJECTS

CI/CD Pipeline Automation
Tools: Jenkins, Git, Docker, Kubernetes, AWS

Description:

Developed and implemented a CI/CD pipeline to automate code build and deployment for a sample web application.

Responsibilities:

- Configured Jenkins pipelines for automated builds and Docker image creation.

- Integrated Git for version control and AWS EC2 for deployment.
- Deployed the containerized application on Kubernetes clusters.

Cloud Infrastructure Setup Using Terraform

Tools: Terraform, AWS (EC2, S3, IAM)

Description:

Automated the provisioning of AWS infrastructure using Terraform scripts for a scalable and repeatable setup.

Responsibilities:

- Wrote Terraform code to create EC2 instances and S3 buckets.
- Managed security groups and IAM roles through Infrastructure as Code (IaC).
- Verified automation by deploying a test web app on the created setup.

End-to-End DevOps Pipeline for a Web App

Tools: Jenkins, Docker, GitHub, AWS EC2, Kubernetes

Description:

Built a complete CI/CD pipeline to automate the build, test, and deployment of a web application.

Responsibilities:

- Configured Jenkins pipeline integrated with GitHub for automated builds.
- Containerized the application using Docker and deployed on Kubernetes cluster.
- Set up AWS EC2 for hosting and enabled continuous delivery

SOFT SKILLS

- Problem Solving
- Team Collaboration
- Adaptability
- Continuous Learning
- Communication