

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 B.Tech Computer Science and Engineering Affiliated to Kurukshetra University	<i>July 2025 - Completed</i> CGPA: 7.4/10
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Govt Polytechnic Ambala City ,Ambala Diploma in Mechanical Engineering	<i>July 2022</i> Percentage: 70
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Sivananda Praveen Public School, Yamunanagar CBSE Board (10th)	<i>April 2019</i> Percentage: 78.9
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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