

Abhishek Mishra

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SUMMARY

DevOps & Cloud Engineer with hands-on experience in AWS, Docker, Jenkins, and Kubernetes. Passionate about automating infrastructure and building reliable CI/CD pipelines. Oracle Cloud (2x Certified) and AWS Certified, with strong foundations in cloud security and infrastructure as code. Eager to deliver scalable and efficient DevOps solutions in fast-paced environments.

EDUCATION

B.Tech (Hons) in Information Technology – Cybersecurity
Panipat Institute of Engineering & Technology, Kurukshetra University, Haryana, India. 2021 – 2025
CGPA: 8.3 / 10 | Ranked in the Top 5% of the class.
Senior Secondary Schooling (12th) – PCM
Swastik Bal Vikas Sr. Sec. School, Panipat, Haryana, India.
Percentage: 93.5% | HBSE | 2019 – 2021

SKILLS

- Cloud Platforms:** AWS (EC2, S3, IAM, VPC, Route 53, Lambda), Oracle Cloud (OCI)
- DevOps & IaC Tools:** Git, GitHub, Jenkins, Docker, Kubernetes, Terraform, Ansible, GitHub Actions, CI/CD Pipelines
- Security & Monitoring:** Trivy, SonarQube, AWS CloudWatch, CloudTrail, Prometheus, Grafana
- Programming & Scripting:** Python, Bash, YAML, JSON
- Workflow & Tools:** Jira, Slack, VS Code, Agile Methodology

PROJECTS

- Kubernetes Ingress on AWS EKS with ALB Routing** [GitHub-repo-link](#)
 - Deployed a scalable web application on AWS EKS using ALB-based Ingress for intelligent routing and load balancing.
 - Configured TLS termination and path-based routing to ensure secure communication across multiple services.
 - Monitored application performance using AWS CloudWatch and Kubernetes metrics for observability.
 - Impact:** Enhanced routing efficiency and reduced latency by 40%.
- DevSecOps ToDo API (Jenkins, Trivy)** [GitHub-repo-link](#)
 - Built a secure CI/CD pipeline for a Node.js API using Jenkins and Docker.
 - Integrated Trivy to scan container images for vulnerabilities before Docker Hub deployment.
 - Streamlined build and deployment processes, improving release consistency and security.
- Static Website Deployment using AWS CI/CD** [GitHub-repo-link](#)
 - Automated CI/CD pipeline using AWS CodePipeline, CodeBuild, and S3 for static website deployment.
 - Provisioned CloudFront and SSL for secure and high-performance content delivery.
 - Improved deployment efficiency by automating version control and delivery workflows.
- SmartLawyer-RAG (AI-Powered Legal Assistant)** [GitHub-repo-link](#)
 - Developed an AI-based legal assistant using Retrieval-Augmented Generation (RAG).
 - Integrated OpenAI and LangChain for intelligent legal document query handling.
 - Built a scalable backend with Python and Streamlit, ensuring smooth real-time responses.
- Node.js Automation Project** [GitHub-repo-link](#)
 - Resolved Git merge conflicts and maintained clean version control for the Node.js application.
 - Built and containerized the app using Docker, automating CI/CD with GitHub Actions.

EXPERIENCE (Remote Internships)

- Cloud Intern – Academy of Skill Development (AWS)** Jun 2024 – Aug 2024
 - Deployed a Node.js application on AWS EC2 with IAM role access and Established firewall rules for secure access.
 - Set up VPC, security groups, and SSH key-based authentication to ensure secure infrastructure connectivity.
 - Automated infrastructure provisioning using Terraform for streamlined cloud deployment. **Grade:** A++ (90% and above).
- Cybersecurity Intern – Cyber Vidyapeeth Foundation** Jun2023 – Sept 2023
 - Practiced identifying vulnerabilities and applying basic protections to improve system security.
 - Gained experience in monitoring network traffic and spotting potential threats
- Web Development Intern – CODSOFT** Jan 2023 – Apr 2023
 - Developed and hosted a responsive personal portfolio website using React.js and Firebase.
 - Designed and deployed a secure, cloud-hosted travel application on AWS EC2 with IAM-based access control.

CERTIFICATIONS

- Oracle Cloud Infrastructure (OCI) – 2x Certified
- Cloud Computing using AWS
- View all Certifications: [Click. Here](#)

ACHIEVEMENTS

- Recognized as an **NPTEL Discipline Star** with **20 credits** earned for consistent excellence across multiple technical courses.
- Best Leadership Award (2022): Recognized by PIET.
- KR Mangalam University Hackathon (2nd Round,2023): Built an AI-driven educational app for interactive learning.
- Open-Source Contributor** – 200 contributions in 2 months across personal and open-source projects