

ABHISHEK MISHRA

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PROFESSIONAL SUMMARY

DevOps and cloud engineer specializing in AWS, Kubernetes, Docker, and Jenkins, with hands-on experience building scalable infrastructure and automated CI/CD pipelines for production environments.

EDUCATION

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

SKILLS

- **Cloud Platforms:** AWS (EC2, EKS, VPC, S3, IAM, ALB, Route 53, Lambda, ECR, CloudFront).
- **DevOps Tools:** Docker, Kubernetes, Jenkins, Terraform, Helm, Git, Linux, CI/CD Pipelines, Ansible.
- **Monitoring & Observability:** AWS CloudWatch, CloudTrail, Prometheus, and Grafana.
- **Programming & Scripting:** Python, Bash, YAML.
- **Tools & Workflow:** GitHub, VS Code, Jira, Slack, SDLC, Scrum.

PROJECTS

1. Kubernetes Ingress on AWS EKS with ALB

GitHub: <https://github.com/Abhi-mishra998/AWS-EKS-Kubernetes-Ingress-with-ALB-Routing.git>

- Launched a highly available, production-grade application on AWS EKS using ALB-based Ingress.
- Configured TLS termination (HTTPS), path-based routing, and secure multi-service communication.
- Integrated CloudWatch + Kubernetes metrics for real-time monitoring and observability.
- Optimized application latency by 40% while enhancing scalability and reliability.

2. MLOps Diabetes Prediction – AWS EKS

GitHub: <https://github.com/Abhi-mishra998/mlops-diabetes-prediction-aws.git>

- Engineered a production-grade MLOps pipeline using FastAPI, Docker, Kubernetes, and AWS EKS.
- Designed model training, containerization, versioned deployment, and auto-scaling.
- Configured ALB Ingress, HTTPS (ACM), Route 53, and IAM for secure, public access.
- Achieved 99.9% availability and 70% faster deployment cycles.

3. React Application – DevOps CI/CD on AWS

GitHub: <https://github.com/Abhi-mishra998/devops-build-by-Abhi.git>

- Architected an end-to-end CI/CD pipeline using Jenkins, Docker, and GitHub Webhooks.
- Provisioned containerized React application on AWS EC2 (Nginx) with separate Dev & Prod environments.
- Orchestrated Docker Hub image management, streamlined scripts, and health monitoring.
- Accelerated deployment time by 80% while improving consistency and reliability.

4. Trend App—Production-Grade DevOps on AWS EKS

GitHub: <https://github.com/Abhi-mishra998/trend.git>

- Built an end-to-end CI/CD pipeline using Jenkins, Docker, Kubernetes (EKS), and Terraform.
- Provisioned complete infrastructure (VPC, EC2, EKS, IAM, Load Balancer) using Infrastructure as Code.
- Orchestrated deployment lifecycle: Code → Build → Containerize → Push → Kubernetes.
- Enabled zero-downtime deployments and minimized manual effort by 90%.

EXPERIENCE (Remote Internships)

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| 1. Cloud Intern—Academy of Skill Development (AWS) | Jun 2024 – Aug 2024 |
| • Deployed applications on AWS EC2 using IAM, VPC, and security groups. | |
| • Provisioned infrastructure using Terraform (IaC), reducing setup time by 70% Grade: A++ | |
| 2. Cybersecurity Intern—Cyber Vidyapeeth Foundation | Jun 2023 – Sept 2023 |
| • Identified vulnerabilities and monitored network activity to reduce risk. | |
| 3. Web Development Intern—CODSOFT | Jan 2023 – Apr 2023 |
| • Developed and deployed React + Firebase applications on AWS EC2 with IAM-based access control. | |

CERTIFICATIONS & ACHIEVEMENTS

- Oracle Cloud Infrastructure (OCI)—2x Certified.
- AWS Cloud Computing Certified.
- NPTEL Discipline Star—20 Credits.
- 320+ GitHub contributions in the last 3 months.
- Open-Source Contributor (2+ contributions).
- Technical Blogger (Hashnode)—1.5k+ views in 30 days.
- LinkedIn reach—18.5k+ impressions in 30 days.
- Hackathon Finalist—KR Mangalam University.
- Best Leadership Award—PIET.
- View all certifications here: <https://tinyurl.com/abhishek9880-certs>
- Portfolio: <https://abhimishra-devops.com/> | Technical Blog (Hashnode): <https://blog.abhimishra-devops.com/>