

Aman Pushp – DevOps Engineer | CI/CD | AWS | Docker, Kubernetes, Jenkins, Terraform

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Professional Summary

DevOps Engineer with hands-on experience in CI/CD pipelines, cloud infrastructure, and automation. Skilled in AWS with strong exposure to Docker, Kubernetes, Jenkins, GitHub Actions, and Terraform. Experienced in building end-to-end CI/CD workflows and cloud-native deployments, with solid understanding of Linux fundamentals, monitoring, and troubleshooting.

TECHNICAL SKILLS

Programming & Scripting: Java, Python, Shell Scripting, JavaScript, Node.js | **Operating Systems:** Amazon Linux, Ubuntu, Windows | **Linux:** Process management, system logs, networking basics, file permissions, and troubleshooting | **Version Control:** Git, GitHub, Bitbucket | **CI/CD & Automation:** Jenkins, GitHub Actions, GitLab CI/CD, Ansible, Helm | **Containerization & Orchestration:** Docker, Kubernetes (EKS, GKE) | **Cloud Platforms:** AWS, Google Cloud Platform (GCP) | **Infrastructure as Code:** Terraform | **Cloud Services:** EC2, S3, EBS, IAM, VPC, ELB/ALB, Auto Scaling, ECS, Lambda, CloudWatch, SNS, RDS | **Databases:** MySQL, PostgreSQL, Oracle, MongoDB, DynamoDB

KEY PROJECTS

Project: VProfile Web Application Deployment on AWS | Jun 2025

Technologies: AWS (EC2, ALB, Auto Scaling, S3, Route 53, IAM), MySQL, Memcached, RabbitMQ, Tomcat, Maven, Git

- Designed and deployed a scalable multi-tier web application on AWS using EC2, ALB, and Auto Scaling.
- Automated artifact builds and deployment using Maven with S3 storage and Route 53 DNS routing.
- Configured basic monitoring and alerts using AWS CloudWatch to track application health and availability.
- Delivered a secure, highly available, cost-optimized, and production-ready cloud deployment.

Project: Re-architecting Web Application on AWS (PaaS & SaaS) | Jun 2025

Technologies: Elastic Beanstalk, RDS (Aurora MySQL), CloudFront, Amazon MQ, Git, Maven

- Re-architected an application from IaaS to AWS managed PaaS and SaaS services to improve scalability.
- Integrated Elastic Beanstalk, Aurora MySQL (RDS), CloudFront, and Amazon MQ.
- Implemented CI/CD workflows, SSL/TLS, caching, and custom domain configuration.
- Reduced operational overhead while improving application performance and availability.

Project: Terraform + EKS + Secure CI/CD Pipeline | Sep 2025

Technologies: Terraform, AWS (VPC, IAM, EKS, ECR), Jenkins, Docker, Helm, SonarQube

- Provisioned complete AWS infrastructure using Terraform with remote state management (S3 + DynamoDB).
- Containerized applications using Docker and deployed them to EKS using Helm.
- Built an end-to-end Jenkins pipeline integrating GitHub, SonarQube, Docker build/push, Terraform, and Kubernetes deployments.
- Troubleshoot CI/CD pipeline failures, container issues, and Kubernetes deployment errors to improve deployment reliability.

Project: Microservices Application Deployment on Kubernetes | Oct 2025

Technologies: Kubernetes, Docker, Jenkins, Helm, YAML, AWS EKS

- Deployed Dockerized microservices using Kubernetes Deployments and Services for high availability.
- Configured ConfigMaps, Secrets, HPA, and rolling updates for zero-downtime scaling.
- Automated Docker image build, push, and Kubernetes deployments using Jenkins.
- Achieved a scalable, fault-tolerant microservices architecture with improved deployment reliability.

EXPERIENCE

DevOps Trainee (Project-Based Training)

- Built and automated CI/CD pipelines, cloud infrastructure, and Kubernetes deployments through hands-on, project-based DevOps work.

EDUCATION

- **Master of Computer Application (MCA)** – | Silicon University, Bhubaneswar, Odisha | Sept 2023 - Aug 2025 | CGPA: 7.56
- **Bachelor of Computer Application (BCA)** – | Vinoba Bhave University, Hazaribagh, Jharkhand | July 2018 - Aug 2021 | CGPA: 7.85

CERTIFICATIONS

[DevOps Certification](#) | [AWS Master](#) | [CodeClash 2025 – The Battle of Algorithms](#) | [MERN Stack Web Development](#) | [Management Information System](#) | [Introduction to Internet of Things \(NPTEL\)](#)