

Pushpendra Singh

DEVOPS ENGINEER

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📄 github.com/pushpendra-singh1176 🌐 Portfolio

Fresher DevOps Engineer with strong hands-on experience in cloud-native infrastructure, container orchestration, and CI/CD automation. Proficient in deploying production-grade applications on AWS EKS using GitOps workflows (ArgoCD), Infrastructure as Code (Terraform), and full observability stacks (Prometheus + Grafana). Seeking a Junior DevOps / Cloud Engineer role where I can contribute from day one.

TECHNICAL SKILLS

Cloud	AWS — EC2, IAM, S3, VPC, EKS, RDS, CloudWatch	Containers	Docker, Kubernetes, Helm
CI/CD & GitOps	Jenkins, GitHub Actions, ArgoCD	IaC	Terraform (AWS modules, remote state)
Monitoring	Prometheus, Grafana, Loki, AlertManager	Security	SonarQube, OWASP Dependency-Check
Scripting & OS	Bash, Python, Linux (administration)	Version Control	Git, GitHub

PROJECTS

Wanderlust — Cloud-Native CI/CD Platform [github ↗](#)

AWS EKS Docker Kubernetes Jenkins GitHub Actions ArgoCD Terraform Prometheus Grafana SonarQube

- Deployed a full-stack blogging application on AWS EKS with multi-stage Docker builds, reducing image size by ~40%.
- Built end-to-end CI/CD pipelines using Jenkins + GitHub Actions with automated SonarQube code quality gates and OWASP dependency checks — achieving zero manual deployment steps.
- Implemented GitOps using ArgoCD for automated Kubernetes rollouts, cutting deployment time from manual ~30 min to under 5 min.
- Set up full observability with Prometheus + Grafana dashboards covering cluster health, pod metrics, and custom alerting rules.

Retail Store App — Production EKS with GitOps [github ↗](#)

AWS EKS Auto Mode Terraform ArgoCD Kubernetes Docker GitHub Actions Microservices

- Deployed a multi-tier microservices retail application on Amazon EKS using EKS Auto Mode for managed node scaling.
- Provisioned all AWS infrastructure (VPC, EKS, IAM roles, security groups) using Terraform modules with remote state in S3.
- Implemented GitOps-based continuous delivery via ArgoCD — every Git commit auto-syncs to the cluster with rollback capability.

Full-Stack Real-Time Chat App — Containerized [github ↗](#)

React Node.js MongoDB Socket.IO Docker JWT

- Built and containerized a real-time chat application with React frontend, Node.js/Express backend, and MongoDB — deployed via Docker Compose.
- Implemented JWT-based authentication and WebSocket-based live messaging using Socket.IO.

EXPERIENCE

UnfoldCRO Jan 2025 – Present

Web Development Intern → Web Developer (Shopify / SEO) · Remote

- Promoted from Intern to Web Developer within the same organization — handling end-to-end Shopify store development and SEO strategy.
- Developed and customized Shopify store themes, improving page load performance and conversion-focused UI elements.
- Performed SEO audits, keyword research, on-page optimization (meta tags, internal linking, content structuring) for e-commerce clients.
- Used Git for version control and collaborated with cross-functional teams in a remote, production environment.

EDUCATION

Kurukshetra University — State University Sep 2021 – May 2025

B.Tech, Computer Science & Engineering · CGPA: 8.1 / 10

CERTIFICATIONS & TRAINING

Academy of Skill Development, Kolkata Jul 2025 – Dec 2025

DevOps Engineering — 6-Month Intensive Training

- Completed 6-month hands-on DevOps training covering Docker, Kubernetes, Jenkins, GitHub Actions, ArgoCD, Terraform, Prometheus, and Grafana.
- Small-batch program with dedicated instructor — focused on production-grade deployments and real-world DevOps workflows.

Academy of Skill Development, Kolkata May 2024 – Oct 2024

AWS Cloud — 3-Month End-to-End Training (Summer)

- Completed end-to-end AWS training covering EC2, IAM, S3, VPC, EKS, RDS, CloudWatch, and Load Balancers.
- Currently preparing for AWS Solutions Architect Associate (SAA-C03)