PULKIT VERMA

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Portfolio: pulkitverma.tech | **LinkedIn:** linkedin.com/in/pulkit-verma200 | **GitHub:** github.com/Pulkit-debug

SKILLS

DevOps & Cloud:	AWS (EKS, ECS, Lambda, S3, RDS, VPC), Kubernetes, Docker, Terraform, Jenkins, GitOps, CI/CD, IaC
Observability:	ELK Stack, Prometheus, Grafana, Dynatrace, Kong API Gateway
Programming:	Java, Python, JavaScript, Shell Scripting, SQL
Tools:	Linux, Kafka, Redis, MongoDB, PostgreSQL, Ansible, Nginx, Helm, ArgoCD, GitHub Actions
AI & Automation:	AWS Bedrock, RAG, Knowledge Graphs, KuzuDB, MCP, AIOps

EXPERIENCE

Software Engineer I (DevOps) | *Nykaa, Gurugram* **Dec 2025 – Present**

- **Disaster Recovery:** Handled emergency cross-region failover from AWS UAE to Mumbai during a complete region outage. Rebuilt the entire infra and networking from scratch to bring Nysaa back online within SLA.
- **Incident Resolution:** Debugged a 60x latency spike (100ms to 6s) on Kong API Gateway during Pink Friday Sale. Fixed ECS noisy-neighbor issues and resolved a silent Kafka config drift that had killed log ingestion.
- **Observability:** Tuned ELK ingestion (Elasticsearch + td-agent) for payment and checkout flows. Brought log loss under 0.1% during peak traffic across Prod and Pre-Prod environments.
- **AIOps & Automation:** Building an internal AIOps agent using Python and AWS Bedrock to automate diagnostics for Kubernetes and ECS clusters, cutting down manual deployment steps.

DevOps Engineer | *Freecharge by Axis Bank, Gurugram* **Jan 2024 – Dec 2025**

- **Zero-Trust Architecture:** Wrote modular Terraform (50+ resources) to spin up zero-trust infrastructure for a new banking product. Set up mTLS and EKS network policies to pass strict banking compliance.
- **Cloud Migration:** Moved critical payment workloads off EC2 and onto EKS. Reworked deployment patterns and RBAC to get security sign-offs in a highly regulated setup.
- **CI/CD & GitOps:** Built GitOps-based self-serve deployment pipelines with Jenkins Shared Libraries and ArgoCD. Added audit trails and cut deployment cycle times by about 40%.
- **Cost Optimization:** Hunted down untracked AWS spend. Tagged orphaned resources, right-sized instances, and set up cost alerts so we wouldn't get surprised by the bill.
- **Zero-Downtime Upgrades:** Migrated SonarQube from EC2 to EKS and upgraded Jenkins/JFrog Artifactory with zero downtime while managing a live Axis Bank project.

Software Developer Intern | *Salesken.ai, Bengaluru* **Jan 2023 – Apr 2023**

- **Backend Development:** Wrote multithreaded Java servlets to handle concurrent webhook streams for a CRM. Dug into and fixed race conditions the team hadn't cracked yet.
- **Feature Delivery:** Shipped two features end-to-end, pushing around 2,000 lines of Spring Boot code to production.

PROJECT

Engram — Persistent Memory Layer for AI Coding Agents *Python, KuzuDB, MCP, RAG*

github.com/pulkit-verma/engram

Built a fully local knowledge engine that gives AI coding agents persistent memory across sessions. Uses a multi-graph architecture (entity, dependency, temporal, semantic) on KuzuDB with code-aware extraction for Python, Dockerfile, K8s manifests, and Jenkinsfiles — no LLM needed for parsing. Integrates with Cursor via MCP. Zero API keys, zero cloud. Based on MAGMA and Atomic GraphRAG research (Jan–Feb 2026).

EDUCATION

B.Tech – Computer Science | *B.S. Anangpuria Institute of Technology & Management* **2019 – 2023**

CGPA: 8.1 / 10.0

ACHIEVEMENTS

- **Competitive Programming:** 4-Star Rating on CodeChef (DSA and Algorithms) with a peak rating of 1812.
- **Assessments:** Scored 95% in the Advanced Program Admission and Scholarship Test (APAT) by Coding Blocks.
- **Hackathons:** Top Winner in Codesule 2020 by HackerBlocks x Nagarro. Ranked 43rd/1500 in CODE-O-FIESTA, YMCA College.