

Bhavishya Jain

DevOps & Cloud Engineer | Kubernetes | Azure | AWS | Terraform | CI/CD

Indore, India | +91 78144 22998 | jainbhavishya43@gmail.com

Portfolio: portfolio.futurnex.io | linkedin.com/in/bhavishya-jain-9493a1219 | github.com/bhavishyajain545

SUMMARY

DevOps & Cloud Engineer (CKA, AWS Solutions Architect, OCI DevOps Professional, CEH) with 1.5+ years running Linux and Kubernetes infrastructure for multi-tenant SaaS across 15+ regions on Azure, AWS and OCI. Focused on site reliability (SRE), cloud migration, containerization, CI/CD, GitOps, Infrastructure as Code (Terraform), observability, SLOs, incident response, high availability and disaster recovery. AI-first engineer who builds internal tools, workflows, pipelines and tests with AI coding assistants and prompt engineering.

SKILLS

- **Cloud:** Azure (AKS, ACR, Application Gateway, SQL MI, PostgreSQL, Key Vault, Blob Storage, Azure Backup), AWS (EC2, EKS, RDS, Aurora, S3, IAM, VPC, AWS Backup), OCI
- **Kubernetes & IaC:** Kubernetes (AKS, EKS, RKE2), HPA/VPA, Helm, Docker, Rancher, Terraform, Ansible, ArgoCD (GitOps)
- **CI/CD & Security:** TeamCity, GitHub Actions, Jenkins, blue-green and canary deployments, SonarQube, Gitleaks, Prowler, Infisical
- **Observability & Data:** Prometheus, Grafana, Loki, Elastic Stack, Azure Monitor, CloudWatch; PostgreSQL, MS SQL Server, MySQL, MongoDB, Redis
- **Systems & AI:** Linux, Windows Server, Hyper-V, NGINX, Cloudflare, DNS, Bash, Python, PowerShell; vLLM, Ollama, n8n; Claude Code, Codex, Cursor, Antigravity, prompt engineering

EXPERIENCE

DevOps Engineer (promoted from Intern, Sep 2025) | Petro IT | Gurugram, India | Mar 2025 – Present

- Migrated 100+ servers, 5+ Kubernetes clusters and multiple TB of data from AWS to Azure across 4 regions for 4 flagship SaaS products, using Azure migration tools.
- Migrated multiple PostgreSQL and managed SQL Server databases and AWS Lambda functions to Azure, including a 186 GB Aurora PostgreSQL database (411 schemas, 48,767 tables) via scripted dump/restore with row-count verification.
- Containerized 4 Java/.NET products with Docker into 40+ microservices on AKS and EKS, managed through Rancher, with HPA, VPA and node autoscaling, Redis Sentinel high availability and blue-green/canary releases.
- Provisioned AKS/EKS, VNet/VPC, Key Vault, SQL MI/RDS and VMs with Terraform; deployed Elastic Stack, Grafana and app workloads with Helm.
- Built CI/CD for 40+ microservices and 3 Flutter apps across QA, UAT and PROD on 3 TeamCity servers (250+ builds) and 8 GitHub Actions pipelines, covering 100% of services and apps.
- Set up Prometheus, Grafana, Loki, Azure Monitor and CloudWatch monitoring with uptime SLOs, log retention on Azure Blob and S3, and AWS SES alerts for failed jobs.
- Cut cloud costs by ~\$3,000/month (~\$36K/year) using AI-generated monthly cost reports, reserved instances, monitoring-based rightsizing, unused-resource cleanup and S3 Glacier Deep Archive for old backups; automated Azure Backup and AWS Backup across 6 regions for disaster recovery.
- Audited and consolidated 408 security groups across 9 AWS regions; added DevSecOps scanning (Prowler, Gitleaks, SonarQube) and Cloudflare proxy.
- Replaced single-branch Git with a PR-driven QA, UAT and PROD promotion workflow with SonarQube quality gates.
- Handled on-call production incident response (CouchDB crashes, failed releases, version conflicts), restoring service and fixing root causes.

Earlier Internships: Cloud AI with AWS Intern, Cloudcredits Technologies (Dec 2024 – Feb 2025); AI Summer Intern, Intel Corporation (Jun 2023 – Jul 2023); Cyber Security Intern, Acmegrade (Jun 2022 – Aug 2022)

PROJECTS

Self-Hosted LLM Platform & AI Automation | vLLM, Ollama, NVIDIA DGX Spark, n8n

- Built a 4-node NVIDIA DGX Spark cluster serving a 72B model with vLLM, exposing 30+ LLMs as API-key-secured endpoints with MCP tools and Langfuse tracing.
- Built and operate Medha, an on-prem 2x RTX 5060 Ti GPU server for local models, and self-hosted n8n workflows for aviation clients.

Diskmon & Webpulse – Self-Built Monitoring Tools | Kubernetes, ArgoCD (GitOps), Alerting

- Built server CPU, GPU, disk and database monitoring plus SSL and uptime checks with alerts, deployed to Kubernetes via ArgoCD.

CERTIFICATIONS & AWARDS

- Certified Kubernetes Administrator (CKA) – The Linux Foundation, 2026
- Oracle Cloud Infrastructure DevOps Professional – Oracle, 2025
- AWS Certified Solutions Architect – Associate – Amazon Web Services, 2025
- Certified Ethical Hacker (CEH) – EC-Council, 2024 (active to Jan 2027)
- Winner, Petro IT AI Hackathon 2026 – Receipt Slayer (OCR + LLM)

EDUCATION

B.E., Artificial Intelligence and Machine Learning | Chandigarh University | 2021 – 2025 | CGPA: 8.23/10