

AFZAL KHAN

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SUMMARY

DevOps Engineer with over 1 year of experience in automating AWS, Azure, and GCP environments. Skilled in designing scalable CI/CD pipelines and implementing containerized solutions using Terraform, Jenkins, Docker, and Kubernetes. Proficient in AI-driven workflow automation and integrating e-commerce marketplaces. Focused on utilizing Infrastructure as Code and intelligent automation to enhance delivery speed, optimize cloud operations, and reduce costs.

SKILLS

- Multi-cloud platforms (AWS, Azure, GCP)
 - Infrastructure as code (Terraform, CloudFormation)
 - CI/CD automation (Jenkins, GitLab CI/CD)
 - Containerization and orchestration (Docker, Kubernetes)
 - Serverless architectures (EC2, AWS Lambda)
 - Monitoring and observability (Prometheus, Grafana)
 - Workflow automation (n8n, Make.com)
 - E-commerce integration (HawkSearch, BigCommerce)
 - AI Agents (Flowise, n8n)
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EXPERIENCE

Cloud DevOps Intern — ATH Infosystems Pvt. Ltd. | Noida, IN | May 2024 – Aug 2024

- **Linux & Web Stack**
 - Mastered Linux CLI, user/groups, shell scripting
 - Deployed LAMP stacks: Apache, MySQL, PHP; configured ports and subnets
- **DevOps Toolchain & Databases**
 - Installed DevOps Tools on Linux; integrated with MySQL/PostgreSQL backends
 - Configured CI/CD essentials and monitoring dashboards with DB storage
- **Web Servers & Networking**
 - Configured Apache/Nginx reverse proxies, virtual hosts, SSL, firewall rules
 - Managed networking: VPCs, subnets, security groups
- **Cloud Marketplace & Multi-Cloud**
 - Created AWS, Azure, GCP marketplace offers; provisioned EC2/VM instances, S3 buckets
 - Learned Multicloud setup workflows, IAM roles, policies, and compliance

DevOps Engineer — ATH Infosystems Pvt. Ltd. | Noida, IN | Sep 2024 – Present

- **AI & Automation**
 - Built Flowise LLM chatbot for 24/7 lead qualification and instant quotes
 - Automated lead capture and workflows with n8n and Make.com
- **AI Insurance Automation**
 - Orchestrated n8n workflows for lead extraction, geo-validation, email follow-ups, and alerts
 - Implemented multi-language AI chatbot with compliance auditing
- **Serverless & IaC**
 - Deployed AWS SAM serverless backend with Lambda, DynamoDB, and S3
 - Provisioned infrastructure with Terraform, enabling turnkey self-hosted deployment
- **Cloud Marketplace & E-commerce**
 - Listed products and private offers on AWS, Azure, GCP marketplaces
 - Integrated HawkSearch into BigCommerce via Python Scripts, and APIs
- **Container & CI/CD**
 - Containerized apps with Docker/Kubernetes across AWS, Azure, GCP
 - Built Jenkins and GitLab CI/CD pipelines, cutting deploy time 50%
- **Monitoring & Observability**
 - Implemented Prometheus, Grafana, CloudWatch dashboards
 - Automated alerts and incident workflows, reducing downtime 30%
- **Multi-Cloud Infrastructure**
 - Managed AWS, Azure, GCP environments (99.9% uptime)
 - Optimized resources to cut cloud costs 25%
- **Automation & Scripting**
 - Automated tasks with Python/Bash, boosting efficiency 35%

EDUCATION

B.Tech, Computer Science & Engineering — GLA University, Mathura, UP (2020–2024)