

ADITYA KAMAL

Cloud Infrastructure Engineer · Linux · Monitoring & Observability · AWS

adityakamal11@hotmail.com | +91 9005878030 | Lucknow, India · Open to relocation · Immediate joiner
(available in 10 days)

[LinkedIn](#) | [GitHub](#) | [Credly](#)

PROFESSIONAL SUMMARY

AWS-certified Cloud Engineer with over 5 years in IT and nearly 3 years focused on cloud and Linux infrastructure. Hands-on with managing Linux production servers, provisioning cloud infrastructure on AWS and Hetzner, building CI/CD pipelines, and standing up end-to-end monitoring with Prometheus, Grafana, and Alertmanager across 30+ servers. Strong in incident resolution, SSL/TLS management, and supporting development teams in production environments. Currently pursuing an M.Tech in Cloud Computing at IIT Patna and deepening hands-on depth in Docker, CI/CD, Terraform, and Kubernetes through self-directed projects.

WORK EXPERIENCE

Cloud Engineer · Augurs Technologies, Lucknow

Aug 2023 – Apr 2026

- Managed and maintained 20–25 Ubuntu production servers across Hetzner Cloud and AWS, handling high disk utilization, 20+ SSL certificate renewals, and overall uptime for client environments.
- Provisioned and configured 10–15 AWS EC2 instances for client workloads, including OS setup, IAM-based access control, security group and NACL configuration, and centralized patching with AWS Systems Manager (SSM).
- Set up CloudWatch custom metrics and alarms for EC2 disk usage, triggering Bash scripts to respond automatically when usage crossed defined thresholds.
- Automated EC2 and EBS backups with AWS Backup, including scheduled AMI images on daily and weekly cycles, and verified recoverability through monthly restore tests.
- Audited resource usage with AWS Cost Explorer, removing idle EC2 instances and unassociated Elastic IPs and setting up Reserved Instances and Savings Plans to cut long-term compute costs.
- Built CI/CD pipelines using Jenkins (Git webhook-triggered) and GitHub Actions, replacing a manual build-and-upload workflow over FileZilla and cutting deployment time and human error.
- Performed routine Linux administration including log analysis, disk management, user access control, and performance troubleshooting for client-facing production systems.

IT Support Engineer · Dbuzzz LLP, Lucknow

Jul 2020 – Jul 2023

- Administered Windows Server environments including Active Directory, user accounts, group policies, and access controls across the organization.
- Provided L1/L2 technical support across hardware, software, and network issues, maintaining ticket tracking with consistent SLA adherence.
- Deployed, configured, and maintained on-premise servers, ensuring performance, security, and data integrity.
- Maintained IT documentation and performance reports to surface recurring issues and drive continuous improvement.

IT Support Intern · Dbuzzz LLP, Lucknow

Jan 2020 – Jul 2020

- Joined as an intern providing hardware, software, and network support, and moved into a full-time IT Support Engineer role within six months.

TECHNICAL SKILLS

Production / Hands-on

- Cloud (AWS):** EC2, S3, IAM, VPC, ALB, RDS, CloudFront, ACM, CloudWatch, AWS Backup, Systems Manager (SSM), Cost Explorer
- Monitoring & Observability:** Prometheus, Grafana, Alertmanager, exporters (Node, Apache, MySQL, MSSQL, Windows), 30+ servers
- Linux Administration:** Ubuntu, RHEL, Bash scripting, SSL/TLS, Apache, NGINX
- CI/CD:** Jenkins (webhook pipelines), GitHub Actions
- Hosting & Other:** Hetzner Cloud, Active Directory, Windows Server, Git, SonarQube

Working Knowledge / Expanding

- **Containers:** Docker, Docker Compose
- **Orchestration:** Kubernetes (minikube / kind, basic managed EKS)
- **Infrastructure as Code:** Terraform (AWS provisioning)

PROJECTS

Monitoring & Alerting Stack for 30+ Linux & Windows Servers *(hands-on)*

- Deployed Prometheus to collect metrics from 30+ Linux and Windows servers using multiple exporters (Node, Apache, MySQL, MSSQL, and Windows), covering CPU, memory, disk I/O, network, and service-level health.
- Built 5 Grafana dashboards with custom panels for real-time and historical visibility across the fleet, including SSH and RDP availability checks, used for capacity planning and incident triage.
- Configured Prometheus Alertmanager with 6 alert rules plus routing, grouping, and notification channels, automating detection and significantly cutting manual monitoring effort.
- Documented the full setup as a reusable runbook for onboarding new servers into the monitoring stack.

Tech: Prometheus, Grafana, Alertmanager, Node/Apache/MySQL/MSSQL/Windows Exporters, Linux, Windows, Bash

Three-Tier AWS Architecture *(self-directed lab)*

- Built a custom VPC with public and private subnets across 2 Availability Zones for high availability.
- Deployed an Application Load Balancer routing to EC2 in private subnets, and provisioned RDS MySQL in an isolated subnet with security-group chaining (ALB → EC2 → RDS) for defense in depth.
- Configured a NAT Gateway for outbound access and a Bastion Host for secure SSH, with separate route tables for public and private subnets.

Tech: AWS VPC, EC2, ALB, RDS, NAT Gateway, IAM, Security Groups

Jenkins CI/CD Pipeline for a Next.js App *(hands-on)*

- Configured Jenkins with a Git webhook to trigger the pipeline automatically on every push to main.
- Designed stages for checkout, dependency install, build, and deployment, replacing a manual FileZilla build-and-upload step with a one-push automated release and cutting deployment time and errors.

Tech: Jenkins, GitHub Webhooks, Next.js, Linux, Bash

CAREER BREAK

Health recovery & self-study

Sep 2017 – Dec 2019

Stepped away from work to focus on a full health recovery after completing my B.Tech, and have been completely fine since. From 2019, focused on self-study and upskilling in Linux and IT fundamentals to prepare for a long-term career in technical support and cloud infrastructure.

EDUCATION

M.Tech in Cloud Computing (Distance Learning) · IIT Patna

Sep 2025 – Present

B.Tech in Computer Science & Engineering · APJ Abdul Kalam Technical University *2013 – 2017*

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate, Amazon Web Services
- AWS Certified Cloud Practitioner, Amazon Web Services
- Oracle Cloud Infrastructure 2025 Certified Foundations Associate, Oracle
- Introduction to Cybersecurity, Cisco Networking Academy

LANGUAGES

Hindi: Native/Bilingual

English: Fluent (IELTS 6.5, B2)