

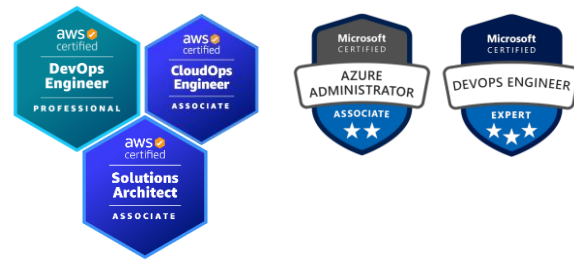
Pawan Kumar

Cloud DevOps Engineer / Lead

Noida, India

+91-7827140595 | mail4pawan.km@gmail.com

<https://www.linkedin.com/in/pawan4devops/>



Professional Summary

DevOps & Cloud Platform Leader with 11+ years of experience designing and scaling enterprise-grade cloud infrastructure across AWS and Azure. Proven expertise in Kubernetes platform engineering, GitOps-driven CI/CD, and infrastructure automation using Terraform. Delivered measurable impact including 40% faster release cycles, 30% cloud cost optimization, and 99.99% system uptime.

Strong experience in building internal developer platforms, enabling self-service infrastructure, and leading cross-functional teams to accelerate software delivery at scale. Adept at driving DevOps transformation initiatives across global teams.

Core Skills

- **AWS Cloud:** VPC, IAM, EC2, S3, RDS, EKS, ECR, ECS, CodeDeploy, Route53, Lambda, LightSail, Direct Connect.
- **Azure Cloud:** Virtual Network, AppService, Storage Service, Container Apps, Function App, AKS, ACR, VMs, Key Vault.
- **Platform Engineering:** Kubernetes (EKS/AKS), Helm, GitOps (ArgoCD), Internal Developer Platforms.
- **Infrastructure as Code:** Terraform (modular design, remote state), CloudFormation.
- **CI/CD & Automation:** Jenkins, Azure DevOps, GitHub Actions (basic), YAML pipelines
- **Scripting:** Bash (intermediate), PowerShell (basic)
- **Observability:** Prometheus, Grafana, Nagios, CloudWatch, New Relic.
- **Security & DevSecOps:** IAM, WAF, Secrets Management, Infra Hardening.
- **Leadership:** Team mentoring, architecture design, cost optimization (FinOps), DR strategy.

Professional Experience – 11+ Years

Wipro Technologies – Noida, India

Technical Lead - Dec 2024 – Present

- Leading DevOps initiatives for **multi-environment (Dev, QA, Prod)** platforms across **AWS** and **Azure**, ensuring high availability and scalability.
- Architected end-to-end **AWS** infrastructure solutions for enterprise applications, including **networking, compute, storage, IAM, and Kubernetes**-based workloads.
- Release Management over **Azure App Service, Function App, Container Apps and VMs**.
- Architected reusable **Terraform** modules to standardize infrastructure provisioning, reducing deployment errors by 35%.
- Designed GitOps-based **CI/CD** pipelines using **Azure DevOps, ArgoCD**, and **Helm**, enabling zero-downtime deployments across 200+ microservices.
- Built and managed **AKS and EKS**-based **Kubernetes** platforms, improving release velocity by 40%.
- Led cloud architecture discussions with development and business teams to optimize scalability, reliability, and operational efficiency.
- Contributed to platform engineering initiatives by enabling standardized deployment patterns and improving developer productivity.
- Implemented **Disaster Recovery** strategy for business application to mitigate the risk to downtime.

HAYS Business Solutions – Noida, India

Principal DevOps Engineer - Apr 2018 – Nov 2024

- Designed and deployed end-to-end AWS cloud architectures supporting enterprise-scale applications and microservices platforms.
- Implemented secure AWS networking architecture including **VPCs, IAM policies, Security Groups, NAT Gateways**, and private connectivity.
- Designed and implemented scalable **AWS** and **Azure** infrastructure supporting enterprise-grade applications with 99.99% uptime.
- Led Kubernetes platform adoption (**EKS & AKS**), managing production workloads and improving system scalability.
- Deployed the Microservices by using AWS DevOps tools, **CodeDeploy, Code Pipeline**.
- Built end-to-end CI/CD pipelines using **Jenkins** and **Azure DevOps YAML**, reducing release cycles from weeks to hours.
- Implemented GitOps delivery model using **ArgoCD** and **Helm**, standardizing deployments across multiple teams.
- Implemented Fully Automated Project by using, **Let's Encrypt Cert Manager, External DNS, Route53 Record Creation, DNS Delegation, and RDS** Database connect from microservice containers.
- Developed and managed **Terraform**-based infrastructure with remote state (**S3 + DynamoDB**), improving automation and governance.
- AWS compliance and security management by using **WAF, Security Group and NACLs and Private Endpoint**.

- Led **AWS migration** project, reducing infrastructure costs by 30% while improving resilience and performance.
- Implemented monitoring and observability solutions using **Prometheus** and **Grafana**, improving incident response and system visibility.
- Strengthened security posture using **AWS Secrets Manager**, **IAM best practices**, and **MFA-based authentication** for 800+ servers.

Digitek Software Pvt Ltd – Mumbai, India

System Administrator - *Oct 2017 – Mar 2018*

- Managed Windows servers, **IIS, MSSQL, and Exchange** environments ensuring system availability.
- Supported enterprise applications and backend infrastructure operations.
- Handled data centre operations, backups, and monitoring processes.

PC Solutions – Delhi, India

Customer Support Executive - *Oct 2015 – Oct 2017*

- Administered **Active Directory users, groups & policies**, improving IT governance.
- Supported **Windows OS & Citrix connectivity**, resolving enterprise application issues.
- Collaborated with Wintel teams to resolve **P1 incidents**, ensuring business continuity.

Hytrend – Delhi, India

Desktop Support Engineer - *Jan 2015 – Sep 2015*

- Configured **network devices & Active Directory domain services**.
- Troubleshoot **system hardware issues**, reducing escalation tickets.
- Provided **application & infrastructure support** across enterprise platforms.

Key Projects & Achievements

- **Cloud Cost Optimization Initiative:** Reduced infrastructure cost by 30% through right-sizing, resource optimization, and architecture improvements.
- **Kubernetes Platform Implementation:** Built and scaled AKS/EKS clusters supporting microservices-based architecture.
- **GitOps Transformation:** Implemented ArgoCD-based deployment model improving release consistency and reducing manual intervention.
- **Terraform Standardization:** Developed reusable modules improving deployment reliability and reducing errors by 35%.
- **Team Leadership:** Mentored 15+ engineers and led cross-functional teams across India and Europe.

Certifications

- AWS CloudOps Engineer – Associate (2026)
- AWS DevOps Engineer – Professional (2026)
- Azure DevOps Engineer Expert (2026)
- Azure Administrator Associate (2026)
- AWS Solution Architect - Associate (2026)
- AWS Cloud Practitioner (2025)
- Microsoft Azure Fundamental (2025)
- Kubernetes Certification – Cognixia (2021)

Education

- MBA (Data Science), Amity University, Noida – Jan 2024 – Dec 2025
- B.A (Arts), V.B.S. Purvanchal University, Jaunpur – July 2012 - May 2015