

Aman Kumar Pandey

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A dedicated and skilled Linux Engineer with 3+ years of experience. Proficient in managing and optimizing Linux-based systems, automation, infrastructure management, and troubleshooting.

Skills

- Cloud & Infrastructure: AWS (EC2, S3, RDS, VPC, ELB, IAM, CloudWatch, ECR, ECS)
- CI/CD Tools: Jenkins, GitHub Actions, GitLab CI
- Containers & Orchestration: Docker, Kubernetes (EKS), Helm
- IaC & Automation: Terraform, Ansible, CloudFormation, Bash
- Monitoring & Logging: Prometheus, Grafana, ELK Stack, CloudWatch
- Languages: Bash, Python, Shell, YAML
- Others: Git, GitHub, Nginx, Apache, MySQL, MongoDB

Experience

DevOps Engineer

Masterwiz Technologies

Feb 2022 - Present

Achievements/Tasks

- Provisioned and managed AWS cloud infrastructure for production workloads.
- Built and maintained secure CI/CD pipelines using GitHub Actions.
- Automated EC2, RDS, Redis, and S3 provisioning via Terraform.
- Performed zero-downtime MySQL migrations using Blue-Green deployment.
- Integrated CloudWatch and custom alerting for proactive monitoring.
- Ensured infrastructure security using WAF, SSL, IAM roles, and NACLs.
- Reduced operational costs with reserved instances and lifecycle policies.
- Perform Server Backups and Restores.

Projects

MyMaster11 {2022- present}

- Scalable Fantasy Sports Platform (DevOps Engineer) Tech Stack: AWS (EC2, Aurora RDS, ElastiCache, S3, Route 53, WAF, CloudWatch), MySQL, Redis, Auto Scaling, ALB, API Gateway
- Led complete DevOps lifecycle ensuring performance and uptime.
- Upgraded RDS (MySQL 5.7 to 8.0) using Blue-Green deployment.
- Integrated Redis caching and WAF for optimization and security.
- **Key Achievement:** Achieved zero-downtime migration using Blue-Green deployment.

Opinio {2023- present}

- Real-Time High-Concurrency Application (Cloud & Infrastructure Engineer) Tech Stack: EC2, Aurora RDS, Redis, MongoDB, RabbitMQ, Route 53, CloudWatch, Supervisor, Cron, S3
- Deployed and managed high-concurrency architecture for real-time services.
- Optimized SQL performance using advanced indexing techniques.
- Integrated Redis/MongoDB for fast and flexible data handling.
- **Key Achievement:** Improved DB performance significantly under peak load.

Sportswiz {2024- present}

- Lightweight Internal Infrastructure (DevOps Consultant) Tech Stack: EC2, Redis, S3, Bash Scripting, VPC, CloudWatch, IAM
- Built single-EC2 infrastructure with Bash-based automation.
- Configured S3 backups, log rotation, and monitoring using CloudWatch.
- Delivered isolated and secure networking with custom VPC.
- **Key Achievement:** Delivered a high-availability setup with less than 5 percent manual operations.

MyMaster11 Shop

- E-commerce Platform (DevOps & Backend Engineer) Tech Stack: EC2, MongoDB, S3, Nginx, SSL, Domain Routing, CI/CD
- Deployed secure subdomain architecture with SSL and MongoDB backend.
- Built CI/CD workflows for seamless deployment with rollback.
- Managed S3-based image hosting with access policies.
- **Key Achievement:** Launched scalable e-commerce infra with minimal resources.

Education

B.Sc. Computer Science	Dr. Ghanshyam Singh PG College	MGKVP University	2018 - 2021
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Certificates

- Python Programming - Basic to Advanced
- AWS Certified Solutions Architect - Associate (in progress)
- Git & GitHub - Project Management and Collaboration

Languages

- English, Hindi