

# Aman Kumar

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DevOps and Cloud Engineer specializing in server administration and security. Experienced with AWS, Azure, Digital Ocean, GitHub Actions, Docker, Nginx, MySQL, PostgreSQL, MongoDB, Python, and Bash. Delivers reliable, secure solutions through automation and collaboration.

## Professional Experience

### Mindrops Solutions Pvt. Ltd., Delhi, India

Oct 2024 – Present

Jr. AWS Cloud Engineer

- Manually deployed **gstdelhizone.gov.in** on a government server via VPN, securing with SSL/TLS and hardening for compliance.
- Launched **sardarmeatshop.com** with CI/CD via GitHub Actions, cutting deployment time by 60%.
- Automated 30+ static sites and 20+ MERN apps with GitHub Actions, reducing deployment to 1.5 min/update.
- Containerized 5+ websites with Docker/Nginx, optimizing resources by 40%.
- Deployed 15+ WordPress/WooCommerce sites on servers, securing with SSL/TLS and firewalls.
- Migrated websites from Azure to Digital Ocean, cutting costs by 15%.
- Developed Python/Bash scripts for monitoring, achieving 90% uptime.
- Configured MySQL, PostgreSQL, MongoDB with restricted access, improving queries by 25%.
- Resolved Microsoft 365/Google Workspace issues for 50+ users.
- Streamlined account management on 10+ servers, boosting efficiency by 30%.
- Deployed Grafana/Prometheus containers for monitoring 5+ apps.
- Explored Kubernetes in personal projects for orchestration expertise.

## Skills

- Cloud:** AWS, Azure, Digital Ocean
- Automation:** Ansible, GitHub Actions
- Languages:** Python, Bash
- OS:** Linux (RedHat, Ubuntu, CentOS)
- DevOps:** Terraform, Docker, Kubernetes, Jenkins
- Databases:** MySQL, MongoDB, PostgreSQL
- Networking:** CCNA
- Monitoring:** Grafana, Prometheus
- Version Control:** Git, GitHub
- Email:** Postfix

## Projects

### FitBuddy Deployment

GitHub Repository

*MERN Stack Application*

- Deployed MERN app on AWS EC2 with Docker and environment variables.

### Serverless Contact Form Application

GitHub Repository

*Serverless AWS Architecture*

- Built serverless backend with AWS Lambda, API Gateway, and DynamoDB; automated with Terraform.
- Integrated S3-hosted frontend, secured API with key authentication, and monitored via CloudWatch/SNS.

### LAMP Stack Deployment

GitHub Repository

*3-Tier Architecture*

- Deployed 3-tier LAMP stack using Terraform on AWS.

## Education

### Indra Gandhi National Open Univ., Delhi

2017 – 2021

*B.Sc. (General)*

### Commercial Sr. Sec. School, Delhi

2015 – 2017

*12th (Science)*

### Govt. Co-ed Sr. Sec. School, Delhi

2013 – 2015

*10th*

## Certifications & Languages

- Certifications: Google Digital Marketing, JLPT N4/N3
- Languages: English, Hindi, Japanese