



SUMMARY

AWS Cloud Engineer with extensive hands-on experience in cloud infrastructure, automation, and DevOps practices. Skilled in designing, deploying, and managing scalable cloud-based applications. Expertise in AWS services, networking, security, and automation. Passionate about optimizing cloud environments, enhancing security, and implementing efficient CI/CD workflows. Currently working as an AWS Cloud Engineer at Mindrops, leading cloud infrastructure and automation initiatives.

EDUCATION

Jagannath University

Bachelor's Degree in Computer Applications
2020 – 2023

Mata Nand Kaur Public School

Secondary (10th Grade-2018)
Senior Secondary (12th Grade-2020)

SKILLS & TECHNOLOGIES

- Cloud Platforms: AWS (EC2, S3, RDS, VPC, IAM, Auto Scaling, Load Balancers, SES, Route 53, CloudWatch, Lambda), DigitalOcean, Azure
- Infrastructure as Code (IaC): Terraform, CloudFormation
- Automation & CI/CD: GitHub Actions, Jenkins, Bash Scripting
- Configuration Management: Apache, Nginx, Docker
- Networking: DNS, SMTP, Reverse Proxy
- Programming & Scripting: Python, Shell Scripting, SQL
- Version Control: Git, GitHub
- Email Servers & Security: Postfix, Exim, DKIM, SPF, DMARC
- Monitoring & Logging: AWS CloudWatch, Prometheus, Grafana

PROFESSIONAL EXPERIENCE

Trainee AWS Cloud Engineer

Mindrops Solutions Private Limited (Delhi)

- Upgraded and optimized AWS RDS databases, including MySQL upgrade from version 5.6 to 8.0.40 for better performance and cost efficiency.
- Designed and deployed AWS cloud infrastructure for high-availability applications.
- Implemented CI/CD pipelines using GitHub Actions and Jenkins to automate deployments.
- Configured and managed AWS networking, including VPC peering, subnets, and security groups.
- Set up Auto Scaling and Load Balancers to ensure seamless traffic distribution and high availability.
- Deployed and optimized SMTP mail servers for bulk and transactional email delivery.
- Migrated legacy applications to Docker containers and Kubernetes clusters for better scalability.
- Worked on server migration, domain mapping, and SSL/TLS configuration for multiple clients.
- Implemented IAM policies, security best practices, and CloudWatch monitoring to enhance system security.
- Reduced AWS costs by optimizing resource allocation and right-sizing EC2 instances.
- Resolved DNS and email deliverability issues by configuring DKIM, SPF, and DMARC records.
- Led troubleshooting efforts for server downtime, application failures, and network issues.
- Deployed and maintained applications on DigitalOcean servers, ensuring scalability and security.