DEBANJAN DAS

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PROFESSIONAL SUMMARY

DevOps & Site Reliability Engineer with 7+ years of expertise in cloud infrastructure, automation, and enterprise-scale system migrations. Proven track record of reducing deployment times by 56%, managing 800+ server migrations, and maintaining 99.8% deployment success rate. Currently contributing to infrastructure automation and cost optimization initiatives at Signeasy with SOC2/HIPAA compliance. Previous experience serving Fortune 500 clients including Charter Communications, Comcast, and Oracle. Specialized in AWS, Kubernetes, Infrastructure as Code, and building robust CI/CD pipelines.

TECHNICAL SKILLS

Cloud & Infrastructure

AWS (EC2, S3, EKS, VPC, IAM, CloudFront, Lambda, SNS/SQS, API Gateway, Route53, ALB/NLB)
Azure (AKS), Google Cloud Platform
Kubernetes, Docker, OpenShift, Rancher, Helm
Terraform, Terragrunt, Pulumi, CloudFormation
Ansible, Ansible Tower, Kong API Gateway

DevOps & Automation

Jenkins, ArgoCD, GitHub Actions
GitOps, GitLab, Git, SVN
CI/CD Pipeline Development
Configuration Management

Monitoring & Observability

ELK Stack, OpenSearch, Elasticsearch, Logstash
Prometheus, Grafana, Nagios, DataDog, PagerDuty
Application Performance Monitoring, Redis Cloud
Log Analysis & Troubleshooting

Programming & Scripting

Bash, Python, Linux Administration
MongoDB, MySQL, PostgreSQL, Aurora DB, SQL
Security & Vulnerability Management, SOC2/HIPAA
ITIL, ServiceNow, Agile/Scrum, RBAC

PROFESSIONAL EXPERIENCE

Signeasy
Senior SRE (Cloud DevOps)

Jan 2025 - Present
Bengaluru, India

- Contributing to SRE initiatives for cloud-based digital signature platform serving millions of document workflows, supporting both API and SaaS customers
- Part of team implementing SOC2 & HIPAA compliance framework using Vanta integration with AWS for regulatory compliance and vulnerability management
- Participated in annual disaster recovery exercise, successfully migrating data flow from us-east-1 to us-west-2 with scripted procedures
- Working in 3-member team analyzing AWS infrastructure costs, targeting 25% reduction through Kong API Gateway migration and resource optimization
- Contributing to transformation of manual infrastructure processes into robust Terraform/Terragrunt IaC architecture
- Participating in migration of 30+ services from traditional manifests to Helm charts with standardized deployment templates
- Managing multi-tier monitoring using Prometheus/Grafana (lower environments) and DataDog/PagerDuty (production), while maintaining Elasticsearch/Logstash for platform search functionality

TransUnion (Neustar Acquisition)
Developer (Cloud DevOps)

Dec 2022 - Jan 2025
Bengaluru, India

- Orchestrated migration of 800+ servers from on-premises to private EKS clusters, supporting $1B+ revenue telecommunications clients including Charter Communications, Comcast, and Oracle
- Executed 200+ production deployments with 99.8% success rate, managing 50+ weekly releases for Order Management System serving major US carriers
- Implemented comprehensive monitoring for 50+ microservices and 100+ applications using ELK Stack, Prometheus, and Grafana
- Led OS migration from CentOS/RHEL to AlmaLinux across production infrastructure, enhancing security compliance
- Developed Ansible automation playbooks reducing manual configuration tasks by 75%
- Provided 24/7 on-call support for critical OMS applications handling telecom port-in/port-out operations

Tata Consultancy Services
System Engineer (Cloud DevOps)

Dec 2021 - Dec 2022
Bengaluru, India

- Led development of "Kanryo" GitOps-based SAAS platform using Kubernetes, Rancher, OpenShift, GitHub Actions, and ArgoCD
- Managed and mentored 15 fresh graduates while building enterprise-grade DevOps solutions
- Optimized Jenkins CI/CD pipelines, reducing build times from 45 to 20 minutes (56% improvement) through strategic caching and process optimization
- Built Azure AKS clusters and implemented Infrastructure as Code using Terraform
- Enhanced Prometheus and Grafana monitoring systems with custom alerting capabilities
- Automated patching, application upgrades, and routine maintenance through custom scripting

Capgemini
Associate Consultant (DevOps)

Aug 2018 - Nov 2021
Mumbai, Bangalore, Chennai

- Architected enterprise-wide ELK Stack migration from legacy Nagios, reducing operational costs by 40% and improving incident resolution by 60%
- Led 10-member support team managing critical Royal Mail infrastructure with 99.5% SLA compliance
- Designed and implemented big data cluster solution, successfully onboarding 8 enterprise clients within 6 months
- Established robust ITIL processes using ServiceNow for incident, change, and problem management
- Introduced SonarQube and Nexus Repository for code quality and artifact management
- Developed comprehensive automation scripts reducing manual deployment efforts by 70%

EDUCATION

Bachelor of Technology - Electrical and Electronics Engineering   2014-2018
Vellore Institute of Technology (VIT), Vellore, India
CGPA: 8.48/10 (First Class with Distinction)
- Published research paper on Emotion Recognition using Machine Learning and Neuroscience
- Completed internships at Schneider Electric, TE Connectivity, and BEML Limited

KEY PROJECTS & ACHIEVEMENTS

Infrastructure Automation Initiative | Signeasy (2025-Present)
- Contributing to transformation of manual infrastructure to Terraform/Terragrunt IaC architecture
- Working on Kong API Gateway migration targeting 25% AWS cost reduction
- Participating in migration of 30+ services to Helm chart-based deployments

Kubernetes Migration at Scale | TransUnion (2023-2024)
- Part of team migrating 800+ servers from on-premises to private EKS clusters
- Maintained 99.8% deployment success rate across 200+ production releases
- Implemented comprehensive monitoring for 50+ microservices and 100+ applications

Jenkins Pipeline Optimization | TCS (2022)
- Optimized CI/CD pipelines reducing build times from 45 to 20 minutes (56% improvement)
- Implemented efficient caching strategies and streamlined Node.js/React deployment processes
- Enhanced Docker registry authentication mechanisms for faster image deployment

ELK Stack Enterprise Migration | Capgemini (2020-2021)
- Architected and executed complete migration from legacy Nagios to ELK Stack for Royal Mail infrastructure
- Reduced operational costs by 40% while improving incident resolution time by 60%
- Created comprehensive architectural blueprints and implementation documentation

Big Data Cluster Implementation | Capgemini (2021)
- Designed robust big data cluster using Kafka for US mail processing scalability challenges
- Successfully onboarded 8 enterprise clients within 6 months including top-tier companies
- Implemented end-to-end solution architecture for real-time event processing

Enterprise Tooling Platform | Capgemini - Royal Mail (2018-2021)
- Continuous build and deployment infrastructure management for UK's largest postal service
- Focused on client onboarding and backend infrastructure including data filtering and parsing into ELK cluster
- Contributed to infrastructure upgrades across Royal Mail Group operations

Robotic Process Automation (RPA) | Capgemini - HCL Technologies (Apr-Aug 2019)
- Onboarded RPA system to ELK Stack for data analytics and monitoring with custom Logstash filters
- Created architectural design for infrastructure and completed ahead of schedule

Personal Digital Assistant (PDA) | Capgemini - TCS UK (Jul-Nov 2019)
- Onboarded PDA to ELK Stack for data monitoring and visualization/dashboard analysis
- Implemented solution for one of TCS's important enterprise clients

LANGUAGES

English: Proficient (C2) | **Hindi:** Upper Intermediate (B2) | **Bengali:** Native