Maruti Nandan
Microsoft Certified: AZ104, SC300, AZ400 & AZ900
Certification in AWS Cloud & DevOps- IIT-R
Cloud Infrastructure Expert – EY (15.2 Yrs. Exp)

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Sex: Male | **DOB:** 17/01/1987 | **Nationality:** Indian
LinkedIn: Maruti Nandan's LinkedIn profile

JOB SKILLS

- Dedicated **Site Reliability Engineer**, fostering a positive SRE culture to drive frequent, automated releases and ensure **high service availability** using **CI/CD** pipelines
- Achieved 99.9% uptime through proactive monitoring and alerting using **Prometheus, Grafana, Datadog, and Zabbix**
- Optimized **AWS** infrastructure, reducing costs by 15% and enhancing scalability by 20% using **Terraform, Docker, Kubernetes**, and **Ansible**; streamlined deployments and improved system reliability
- Designed automated change and release management processes, cutting release cycles by 40% and minimizing manual efforts by 60% using **Infrastructure as Code**
- Ensured compliance with **QHSE**, **Business Continuity**, and IT governance standards, implementing risk assessments to support secure and resilient operations
- Served as a trusted advisor to executive stakeholders, aligning **hybrid cloud** and **on-prem strategies** with business objectives to improve service availability, scalability, and reliability
- Developed **On-Prem disaster recovery plans**, reducing downtime by 30%
- Proficient in cloud security, SOC operations, and proactive threat mitigation, leveraging Shell Scripting and Python to automate security workflows

TECHNICAL SKILLS

Cloud	AWS and Azure(beginner)
DevOps Tools	GIT, Maven, Jenkins, TeamCity, Artifactory, Docker, Ansible, Kubernetes, Octopus deploy, terraform and HashiCorp Vault
App & Web Servers	Tomcat and Apache
Monitoring Tools	Datadog, Zabbix, Cloud Watch, Prometheus and Grafana
DBMS	MySQL, SQL, Aurora, DynamoDB, and PostgreSQL
Languages	Shell Script and Python
Change Management	ServiceNow
Operating Systems	Linux and Windows
Task Management	Jira

EXPERIENCE
Dec 2022 – Present

Sr. Consultant (Cloud Infrastructure Expert)
Ernst & Young, Gurugram, India

- Integrated deployment processes using **CI/CD** pipelines, minimizing manual efforts by **60%**
- Enhancing cloud architectures for reliability and scalability in **On-Prem DC**
- Implemented robust monitoring and alerting frameworks with **Prometheus, Grafana**, and **Datadog**, achieving 99.9% service uptime
- Designed and established a new disaster recovery plan that reduced **downtime** by **30%**
- Upgraded and optimized **database servers**, resulting in a **20%** performance improvement

Achievement
- Implemented an efficient **CI/CD pipeline,** reducing the release cycle time by **40%**
- Enhanced network performance by **20%,** lowering latency and ensuring faster responses
- Reduced infrastructure risks and optimized resource utilization (**RAM & CPU**) by **25%**

Aug 2021 – Dec 2022

Deputy Manager (DevOps Engineer)
Reliance Jio, Rajasthan, India

- Revamped the **CI/CD pipeline** with top automation practices, increasing efficiency by **60%**
- Utilized **Datadog** for real-time system analysis and issue resolution
- Skilled in code quality and application security using **SonarQube** and **Fortify**
- Optimized deployments using **Git**, **Jenkins**, **Docker, Kubernetes**, **Terraform** and **AWS**, resulting in a **25%** reduction in cloud resource cost
- Integrated **HashiCorp Vault** into **CI/CD** pipelines to securely manage sensitive credentials and access controls
- Maintained 24/7 On-call availability and Working in Agile methodology via **JIRA**
- Managed **MySQL** and **Aurora** databases for robust, high-performance storage
- Managed over **30+** bare-metal servers and **100+** cloud instances hosted on **AWS**, ensuring optimal performance and availability

Achievement
- Reduced operational **costs** by **15%** via automated performance tracking & alerting
- Automated maintenance tasks with custom scripts, minimizing **manual effort** by **35%**
- Saved approx. **500K** by optimizing **EC2** instances in production after performance tuning

Dec 2019 – Aug 2021

Senior Engineer (Solution Architect)

Tata Communication Transformation Services, Rajasthan, India

- Introduced an AWS -based cloud system aimed at enhancing **scalability** by **20%**
- Automated the cloud deployment using **Python** and AWS **Cloud Formation** Templates
- Designed **secure solutions** with access controls, encryption, and compliance measures
- Identified and mitigated **project risks**, safeguarding timelines, and budgets
- Leveraged **Terraform** to automate the provisioning and scaling of cloud infrastructure, enhancing deployment efficiency and reducing manual errors
- Facilitated **on-premises** application migration to **AWS**, achieving a **30%** cost reduction

Feb 2012 – Dec 2019

Senior Executive (Cloud Support Engineer)
Vodafone Idea Limited, Rajasthan, India

- Led continuous improvement initiatives with automated tools, increasing **efficiency** by **10%**
- Provided AWS technical expertise, troubleshooting and resolving issues promptly
- Acted as primary incident management contact, ensuring swift resolution of disruptions
- Demonstrated expertise with AWS services, including **EC2, IAM,EKS, S3, CloudWatch, VPC, RDS, IAM, Lambda, and Route 53**

July 2010 – Feb 2012

Junior Engineer (Transmission Engineer) | IMSI India Pvt. Ltd., Rajasthan, India

Dec 2009 – July 2010

Junior Engineer (O& M Engineer) | Relcom Pvt. Ltd., Rajasthan, India

EDUCATION
Jun 2005 – July 2009

Bachelor of Engineering | IET Alwar, Rajasthan University, India
(Electronics and Communication)

CERTIFICATIONS

- Advance Certification in **Cloud Computing** and **DevOps**- IIT-Roorkee
- **Microsoft Certified:** Azure Fundamentals (25F001-V9D461), Azure Administrator Associate (D55QB1-4DAD21), DevOps Engineer Expert (A87GF3-484F8F), Identity and Access Administrator Associate (A9BC6A-42ZAA6)
- **CCNA** Certified from **CISCO** (CSCO13717045)

ORGANIZATIONAL SKILLS

- Confident, **articulate**, and **professional** speaking abilities (and experience)
- **Empathic** listener and persuasive speaker
- Influencing, leading, and **delegating** abilities
- **Leadership** experience in managing teams with multiple resources