

Professional Summary

DevOps Engineer with 7+ years of hands-on experience Building, supporting, automating, and optimising mission-critical deployments in AWS, Azure, and Google Cloud using configuration management, CI/CD, and DevSecOps processes.

Enterprise architecture

Cloud Computing, SaaS (Software as a Service), IaaS (Infrastructure as a Service), PaaS (Platform as a Service), REST API, Infrastructure as Code (IAC), Containerization, Container Networking, Overlay Networks, Microservices, Distributed Computing, Distributed Messaging, Stream Processing, High Availability, Fault Tolerant, Events Driven Systems, Serverless, Data Pipelines

Cloud computing frameworks

Infrastructure as a Service	Amazon Elastic Compute Cloud, Autoscaling.
PaaS (Platform as a Service)	Elastic Beanstalk, App Service
Container Orchestration	Kubernetes, Docker swarm, EKS, GKE, and AKS
Messaging Framework	Simple Notification Service, LogicApp
In-memory Caching	Memcached, Redis
NoSql Storage	Dynamo Db, Elasticsearch, Amazon S3, Redis
RDS Storage	Mysql, AWS Aurora DB, and Azure databases
Serverless Framework	AWS Lambda, Function App
Content Delivery Networks	CloudFront
Networking	Virtual Private Cloud, Load Balancer, DNS Zones
API Gateway	AWS APiGateway, APIM
Service Discovery	Zookeeper, Kafka
Data Pipeline	Azure DataFactory, Azure data bricks
Languages	Python, Javascript
Database	MySQL, PostgreSQL, MongoDB, and MariaDB
Infrastructure as a Code	Terraform, arm template, cloud formation

Continuous Integration/Continuous Development Tools

CI Framework	TravisCI, GitHub action, Bitbucket, GitOps Azure DevOps
Build Automation	Maven, Ant, MSBuild, Gradle
Continuous delivery	Chef, Ansible
Repository management	Artifactory, Docker
Code scan and coverage	SonarQube, Qualys, AquaSec, and checkMarks
Application monitoring	Cloudwatch, grafana, and log analytics workspace
Central Logging	ELK (Elastic search, Log Stash, Kibana), Graylog
Version Control	GIT

EY India

Sep 2021 - present Chennai IN

DevOps Engineer
Vanguard, Tokio Marine, Nexus

- ❖ Built, maintained, and scaled highly secure infrastructure for production, UAT, QA, and dev environments for machine learning microservices.
- ❖ integration of 700+ Soap and Rest microservice APIs with a secure Azure APIM.
- ❖ The design, development, debugging, and maintenance of Statistical and Machine Learning models using Fiddler and Datadog.
- ❖ Train the model and deploy it to AWS Sagemaker and Azure databricks cloud services.
- ❖ Work with software developers and Quality Assurance to seamlessly migrate applications from development to QA and production.
- ❖ Create the infra as a code using ARM template and terraform

Tech Mahindra Pvt Ltd

Jan 2020 - Sep 2021, Chennai, IN

DevOps Engineer - world bank

- ❖ Built, maintained, and scaled highly secure infrastructure for production, UAT, QA, and dev environments for microservices.
- ❖ Owned production alerts and acted as the point of contact for all infrastructure incidents.
- ❖ Implemented and maintained Continuous Integration/Continuous Delivery systems leading to an improvement in the time to ship new feature releases 10%.
- ❖ Worked on and supports automated builds, deployments, validations, and configurations in our public AWS environment.
- ❖ Develop automation processes to enable teams to deploy, manage, configure, scale, and monitor their applications through the use of tooling or scripting reducing the time to get features in production by 20%.
- ❖ Fostered a culture of robust documentation as it pertained to release processes and CI/CD.
- ❖ Built and deployed Docker containers to break up monolithic apps into microservices, improving developer workflow, increasing scalability, and optimizing speed

DevOps Engineer - chevron

- ❖ Built, maintained, and scaled infrastructure for production, test, and dev environments for a web and Data analytics product.
- ❖ Create and maintain fully automated CI/CD pipelines for code deployment using azure DevOps Deploy, bash, and PowerShell.
- ❖ Actively manage, improve, and monitor cloud infrastructure on azure data factory, azure data bricks, including backups, patches, and scaling.
- ❖ Wrote ansible YAML files and modules to deploy, configure, and manage services

Radiant Cash Management services

25 Sep 2017 - Jan 2020, Chennai IN

DevOps Engineer

A reputable individual in the field of cash logistics with embedded technology, offering top banks, institutions, and the organised retail sector services including cash in transit, doorstep banking, ATM-related services, bullion, and cash vaulting. I was in charge of managing the infrastructure lifecycle, which included everything from installing, configuring, and maintaining high availability ON-PREM K8 clusters to managing Linux servers for legacy financial services, including the deployment, monitoring, and troubleshooting of live and staging applications.

Roles

- ❖ Wrote ansible manifests and modules to deploy, configure, and manage servers.
- ❖ Automated build and deployment using Jenkins to reduce human error and speed up production processes
- ❖ Reduced deployment time for critical agile project infrastructure from ~1 month to 2 days
- ❖ Installed and configured Nagios and Prometheus to constantly monitor network bandwidth, memory usage, and hard drive status
- ❖ Managed GitHub repositories and permissions, including branching and tagging
- ❖ Develop and maintain cooperative and collaborative relationships with networking, storage, software development, and project management teams.
- ❖ Monitor production systems, applications, and network performance through the use of various Network Management and Application Monitoring Tools.
- ❖ Develop tools/scripts to automate integration with other IT tools in support of accurate asset management, cyber reporting capabilities and to manage licenses
- ❖ Work with software developers and Quality Assurance to seamlessly migrate applications from development to QA and production

- ❖ Provides support to customers running RedHat Enterprise Linux on their workstations and simulation servers
- ❖ Identify and drive continual improvement programs in the UNIX environment and improve the service efficiency
- ❖ Working closely with other IT departments to help determine and develop systems that will be implemented
- ❖ Experience requiring a strong knowledge of pcs clustering
- ❖ Demonstrates a strong ability to deliver on project commitments
- ❖ Attention to detail in documenting information and ability to show ownership of follow through in customer resolutions
- ❖ Strong knowledge of DNS, including diagnostics with UNIX tools
- ❖ Ability to understand and write basic SQL queries
- ❖ Responsible to develop a close partnership with Nextgen Tradeplant Electronic Trading client support team and have a solid knowledge of their applications
- ❖ Reliable and dependable

Academic Details

2012 BE Electronics and communication from PTR college of engineering and technology control of Anna University with 7.19%

2008 Class XII from St Marys boys higher secondary school Tuticorin control of state board Tamilnadu with 83.83%

2006 Class X from Sacred heart high school Tirunelveli, control of state board Tamilnadu with 84.2%

Personal Profile

Date of birth	02/06/1991
Fathers Name	Joseph
Gender	Male
Marital status	Unmarried
Nationality	Indian
Languages	English and Tamil

Collaboration and contribution

@<https://github.com/operation-unknown>
 @<https://github.com/fourtimes>

Place: 11/11/2022
 Date Chennai

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