

VINOTH P

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Objective

To work in a challenging environment, that demands all my skills and knowledge. Secure a challenging position that will enable me to use my ability to work well with people and to use my skills in the best possible way for achieving the company's goals.

Skills

Cloud	AWS (EC2,S3,RDS,KMS,Secret Manager, EKS,ECS,ECR,IAM,VPC ,CloudWatch, CloudTrail, AutoScaling)
Source Code Management	Git,GitHub
Container Technology	Docker, Kubernetes
CICD	Jenkins
Programming	Python, SQL, Java, Shell Scripting
OS	RedHat Linux
Monitoring	Newrelic, Splunk
IAC	Ansible
Secrets	Vault, AWS KMS, AWS Secret
Soft Skills	Time Management, Teamwork, Problem-solving, Documentation.

Work Experience

Tata Consultancy Services

DevOps Engineer

Chennai, TamilNadu

January 2020 - Current

Client: HP

- Worked for a business-to-business e-commerce website
- Migrated application from **server-based** architecture into highly available **Kubernetes-based** architecture
- Created and managed resources from AWS services like **EC2,S3,RDS, VPC, Cloud Watch, EKS, ECR, KMS** during **migration**
- Created secure IAM user and role to access aws cloud services
- Used **security groups, Network ACL and aws private instances using NAT gateway** to restrict the access
- Created highly available, reliable and scalable application using **auto scaling group and Load balancer**
- Worked on AWS for deploying instances consisting of various flavors in both **Linux and Windows** servers
- Implemented best practices for security,cost optimisation, monitoring AWS Services. Monitoring instances using **cloudwatch** and monitoring operational logs using cloudtrail
- Managed **source code repository, build and release configurations**, processes and tools to support daily development, test, and production build and software deployment operations
- Created and managed multi-node Jenkins applications
- Created **python** based **internal dashboard**, which is used to display all Environment details like IP address, URLs, db endpoints. Created separate modules to display certifications expiry data, Currently deployed branches on environments.
- Working with an agile development team to deliver an end to end **continuous integration/continuous delivery (CI/CD)** product in an open source environment using Jenkins to get the job done
- Implemented **Shell scripts** for system maintenance and file management
- Developed build and deployment scripts using Jenkins to move from one environment to other environments and also created new jobs and branches through **Jenkins**
- Setting up servers using **UNIX** for deployment or other uses for application
- Performed weekly / monthly and on-call deployments of application codes to production environments
- Actively manage, improve, monitor cloud infrastructure. Regularly take backups, snapshots and scaling if need
- Used Kubernetes to orchestrate the deployment, scaling and management of Docker containers
- Automated build and deployment using **Jenkins** to reduce human error and speed up production processes
- Hands on monitoring and alerting services for servers using **New Relic and Splunk**. Configured multiple dashboards and alerts for servers in New Relic using Infrastructure, APM
- Good analytical skills, ability to contribute in design discussions and problem solving sessions
- Building/Maintaining **Docker** containing clusters using **Kubernetes**
- Worked on **Atlassian JIRA** for ticketing purpose

- Managed Oracle **SQL** and its users. Coded views, deletes, and creates queries for debugging
- **Technical Skills:** Kubernetes,Docker,Jenkins,AWS,Python,Oracle SQL,RetHat Linux, Scripting, Git.
- **Soft Skills:** Teamwork, Time Management, Communication

Certifications

AWS AWS Cloud Practitioner – Valid from Nov 17, 2022 Nov 17, 2025

Achievements

2021	Star Team Award , HP2B Devops	TCS
2022	Best Team Award , HP2B Devops	TCS

Internship

Zoho Corporations

Chennai, TamilNadu

Internship Trainee

May 2019 - June 2019

Client: Site24/7

- Collectively Learned programming Languages such as Java, Javascript and linux. I used them to create small application to convert JSON format from XML format
- Developed small application for authentication and authorization using Java
- **Technical Skills:** Java,Tomcat,JavaScript,HTML

Responsibilities

Good team member. Managed team with **15** members to **resolve issues, assign tasks** and **share my knowledge** to myteam

Education

Government College of Technology

Coimbatore, TamilNadu

BE in Electronics and Communication Engineering

June 2015 - May 2019

- 7.3 CGPA

Lotus Matrics Higher Secondary School

Salem, TamilNadu

HSC

May 2013 - May 2015

- 93 %

Personal Details

Date of Birth 16th April 1998

Languages English,Tamil

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