ROHITH REDDY MANDAVA
System Engineer

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PROFESSINAL SUMMARY

DevOps Engineer having 4 years of experience in creating and performing CI/CD activities, cloud infrastructure and automation frameworks. Proficient in technologies like Jenkins, Azure, Docker and other DevOps tools. Dedicated to delivering scalable solutions that enhance software delivery processes and drive business success.

TECHINICAL SKILLS

Operating Systems	Linux, Red-Hat
Scripting Languages	Shell Scripting, Batch Scripting
Databases	MYSQL, Postgres, Oracle
Source Code Management (SCM)	GIT, GITHUB, TortoiseSVN
CI/CD Tools	Jenkins, Azure CI/CD
Build Management Tool	Maven
Artifactory Management Tool	Jfrog
Code Quality Check Tool	SonarQube
Containerization	Docker, Docker Hub, Kubernetes
IAAC	Terraform
Unix Tools	Putty, Super Putty, WinSCP, Mobaxterm
Monitoring Tool	Azure Monitor
Cloud Technologies	Microsoft Azure Cloud
Ticketing Tool	ServiceNow

PROFESSIONAL CERTIFICATIONS

- Azure Fundamentals (AZ-900).
- Azure AI Fundamentals (AI-900).
- Azure Administrator Associate (AZ-104).
- Azure Solutions Architect Expert (AZ-305).
- Security Compliance and Identity Fundamentals (SC-900).

PROFESSIONAL EXPERIENCE

System Engineer | **Tata Consultancy Services**   **2023 - Present**
Project Title: ETPI – Azure Cloud DevOps Project
Client: Eastern Communication Limited
Roles & Responsibilities:

- Familiar in using Linux and Red-Hat operating systems.
- Knowledge in Shell and Batch Scripting for automating tasks for regular usage and system operations.
- Database management experience with MYSQL, Postgres and Oracle database using RDS.
- Proficient in using GIT and its web repositories in GitHub for source code storage and management.
- Developed and maintained CI/CD activities for code deployment using Jenkins, Maven, SonarQube and JFrog artificatory.

- Experience in maintaining environment configuration changes and Troubleshooting.
- Expertise in Azure Cloud Services such as Virtual Machine creation, VPN's, Snapshots, Backup enablement, Microsoft defender rule configuration and Azure Monitor.
- Responsible for creating and managing Ubuntu Instances.
- Configured and managed Apache2 and Apache HTTPD load balancers to effectively distribute workloads across single and multiple servers, optimizing operational performance.
- Developed and maintained automated processes and documentation in support of Docker and Kubernetes container orchestration platforms.

Assistance System Engineer & Assistance System Engineer – Trainee | TCS   **2021 – 2022**
Project Title: JFL - Azure Cloud DevOps Project
Client: Jurassic Fiber Limited
Roles & Responsibilities:

- Being capable of working on Linux and Red-Hat operating systems via putty, Super putty and RDP. Web server was created using the apache2 server.
- Demonstrated experience in Developing, Branching and Tagging concepts in Version Control tools such as GIT and Source Code Management (SCM) systems such as GITHUB.
- Executed build operations with the Maven, Jenkins, SonarQube tools and verified logs if the build failed. Installed plugins for generating Project artifacts and managing these artifacts using Jfrog.
- Implemented and manipulated shell and Batch scripts for release and build Automation for regular usage and system operations.
- Performed server patching activities such as upgrading to the newest version, taking regular backups, resolving vulnerabilities and monitoring our applications.
- Handled SSL renewals and updates, as well as Kafka certificate renewals.
- Configured and managed Security Groups (SG), Internet Gateways, and Route Tables in Microsoft Azure Cloud to ensure a secure organizational environment.
- Having Practical knowledge in ticketing tool SERVICENOW, resolved the issues based on tickets received from various users and Hands on experience on Incident, Change and Problem tickets.

KEY ACHIVEMENTS

- <u>Outstanding Service Award</u>: Awarded for outstanding service and commitment to excellence.
- <u>On the Spot Award</u>: Recognized for proactive problem-solving with "On the Spot Award".
- <u>Star of the Month</u>: Honored as "Star of the Month" for exceptional performance and team contribution.

EDUCATION

- Sai Spurthi Institute of Technology, Sathupally, TG
  Bachelor of Technology in Electrical and Electronics Engineering
  2015 - 2019

INTERESTS

- <u>Travel & Cultural Exploration</u>: Enthusiastic about exploring different cultures through travel.
- <u>Fitness & Wellness</u>: Focuses on fitness and overall wellness.