JENI SAKTHI R

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CAREER OBJECTIVE

To be an outstanding professional engineer absorbing modern technical skills and managerial competence on a continual basis, serving the needs of the company in carrying out its mission and fulfilling its vision, thereby succeeding in my career.

SKILLS

- Cloud: AWS Code Pipeline/Load balancers/S3/Route 53/ EC2, AWS DevOps, AWS CloudWatch and Azure (Basics).
- DevOps Tools: Docker, Jenkins, Ansible, Kubernetes.
- Infrastructure as Code (IaC): Terraform, Cloud Formation
- Programming Languages: Python, R language, Scala and Bash Scripting
- SCM Tools: Bitbucket, GitHub
- OS: CentOS, Ubuntu, Windows
- Database: SQL, Cassandra and PostgreSQL
- Build Tools: Maven, Gradle
- Visualization: Tableau.

EXPERIENCE

ASSOCIATE DEVOPS ENGINEER   **INDIUM SOFTWARE INDIA Ltd.**
September 2021 - Present

Environment: AWS Code Pipeline/Load balancers/S3/Route 53/ EC2, AWS DevOps, Jenkins, Docker, Apache Tomcat, Nginx, MySQL, CentOS, Python, Shell Scripting and Git.

Roles & Responsibilities:

- Working as a DevOps engineer for handling CICD for the entire project workflow and Setting Infrastructure.
- Responsible for frontend application DNS hosting on AWS Route 53. Creating and attaching load balancers to the backend applications with access logging.
- Develop and perform full CI/CD setup for client application deployment in AWS using Codepipeline /Codebuild/Codecommit/Codedeploy.
- Set up Jenkins standalone infrastructure and wrote the Jenkinsfile for Dockerized application, .NET & Spring boot web servers deployment on staging and production environments.
- Domain routing from Route 53 to ALB is attached in public subnet with backend applications.
- Develop S3 bucket with files along with static file hosting and endpoint placed to CloudFront distribution, setting up real-time logging.
- Performed installation, configure for Auth access and restoration of MySQL server on EC2 instance.
- Performed reverse proxy configuration Nginx for backend server applications.
- Create customized CloudWatch dashboards with text widgets for continuous monitoring and alarms.

DEVOPS TRAINEE   **INDIUM SOFTWARE INDIA Ltd.**
                                                      April 2021 - September 2021

Environment: Docker, DockerFile, Docker-Compose, Maven, AWS-Cloud, Bash Scripting, Linux, Tomcat, Apache2, Ansible, Linux

Roles & Responsibilities:

- Worked as a team member in the deployment of java spring boot application from on-premise to a cloud container environment.
- Prepared Shell script file to automate the various tools installed in the client environment and image building from docker files.
- Create docker compose files to configure the application services and multiple containers.
- Created ansible script for deploying and automating servers with various modules like JK-module.
- Created ansible script for automated postgres data population.

BIG DATA INTERN   **NUMBER THEORY SOFTWARE PVT. LTD**
                                                      July 2019 - December 2019

Roles & Responsibilities:

Worked on UI based AI product where almost all Machine Learning Algorithms are Implemented (using Spark and Scala). From any type of Data Source (Hadoop, MySQL, Hive) User load data and apply any type of Operation (like data exploration, Data profiling, Variable derivation, Segmentation, ETL, almost all Machine learning algorithm) and dump output in any type of sink.

CERTIFICATIONS

- AWS certified cloud practitioner
  Validation Number J9FZWVPJGB1QQTSC

- Microsoft Certified Solution Associate: SQL 2016 Database Administration.
- Certification in 6.00. 1x: introduction to computer science and Programming using python from Massachusetts institute of technology, USA.
- Machine Learning from Udemy.
- HackerRank Certification for Python Basics.

EDUCATION

Masters of Technology   **05/2020**

Computer Science Engineering with Specialization in Big Data Analytics
Vellore Institute Of Technology (Deemed University), Tamil Nadu
8.42 (CGPA)

Bachelor of Technology   **05/2018**
Electronics and Communications Engineering Rajalakshmi Engineering College
Anna University, Tamil Nadu
6.9 (CGPA)

DECLARATION:

I hereby declare that the information furnished above is true to the best of my Knowledge and I am also confident of my ability to work in a team.

(Jeni Sakthi R)