SAI SUNNY KOTHURI

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# OBJECTIVE

# As an aspiring Java Developer with a strong foundation in cloud technologies (AWS & Azure), I am passionate about integrating development and operations to build efficient, scalable solutions. My expertise extends to automation, CI/CD, containerization with tools like Kubernetes, Docker, Terraform, Ansible, and Jenkins, as well as machine learning and deep learning. I thrive on solving complex challenges, enhancing deployment processes, and fostering a culture of collaboration and continuous improvement. Let’s connect to explore how we can advance Java development, cloud computing, DevOps, and machine learning and deep learning together.

# EDUCATION

**University of Louisiana at Lafayette Jan 2023 – Present**

Master in Computer Science GPA: 4.0/4.0

* Relevant Courses: Distributed Cloud Computing, Network Security, Operating Systems, Database Management Systems, Design and Analysis of Algorithms, Principles of Computer Communication & Network, Principles of Programing Languages.

# SKILLS

* **Cloud Platforms:** AWS, Azure **Database Management:** SQL
* **Containerization & Orchestration:** Docker, Kubernetes **Programming Languages:** Python, Java
* **Infrastructure as Code:** Terraform, Ansible **Scripting:** Shell scripting
* **Version Control:** Git, AWS code commit **CI/CD:** Jenkins, GitHub Actions
* **Monitoring & Logging:** Prometheus, Grafana **Operating Systems:** Linux, Windows
* **Other Tools:** SonarQube, Maven

# PROJECTS

1. AWS Cloud Cost Optimization.
2. Automated Cloud Resource Optimization and Governance.
3. Streamlining CI/CD with GitHub Actions and also though Dockerized Jenkins Pipeline.
4. Automated CI/CD Pipeline for Dockerized Application using AWS Code Pipeline.
5. Migration of On-premise data into Azure Cloud.
6. Shell Scripting project to track the AWS resources.
7. Architecting Cloud-based Deployments.
8. Building VPC with public-private subnet in Production on AWS.

**WORK EXPERIENCE**

*Business Systems Analyst* **June 2021 – December 2022**

*NUKG Business Solutions Pvt. Ltd | Hyderabad, Telangana, India*

* Engaged in client meetings to gather project requirements and ensuring adherence to deadlines and fostering effective development.
* Interpret business needs and translate them into system requirements using transformations.
* Perform system configuration updates and scripted data updates using Python.
* Configure system settings and options, plans and executes acceptance testing, and creates specifications for systems to meet business requirements.
* Work on complex issues where analysis of situations or data requires an in-depth evaluation of variable factors.
* Experience with analytical programming languages such as SQL & Python.