**Kanni Suresh**

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# **Summary**



Experienced DevOps engineer with over 2+ years of expertise in designing, implementing, and optimizing CI/CD pipelines, cloud infrastructure, and automation processes. Seeking to leverage skills to drive success for a dynamic organization by scaling DevOps practices. Committed to utilizing open-source tools for rapid application deployment and ensuring resilient, self-healing infrastructure. Eager to contribute innovative solutions and enhance operational efficiency in a collaborative, growth-oriented environment.

**Skills**



* **Cloud Platforms:** Azure (App Services, SQL Databases, Function App, Virtual Machines, Networking, Storage), AWS( EC2, Networking, AWS Lambda, AWS IAM, AWS ECS, Cloud Watch, CloudFront, AWS Auto Scaling, AWS Route 53, Cloudtrail, S3, AWS Load balancer, SQS,SNS)
* **Continuous Integration/Continuous Deployment (CI/CD):** Jenkins (job creation, master/slave configuration)
* **Containerization**: Docker (Dockerfile, Docker stack, service deployment)
* **Deployment Strategies:** Azure classic cloud services, Azure Function App, Docker stack for web applications, Docker services for mobile applications
* **Version Control**: Git
* **Infrastructure as Code (IaC):** Terraform
* **Configuration Management Tool**: Ansible
* **Monitoring Tools:** Grafana, Prometheus
* **Orchestration**: Kubernetes, Helm Charts
* **Scripting**: Shell scripting, PowerShell scripting, Python

# **Work Experience**



**DevOps Engineer (Msys Technologies)** June 2022 - present

* Led deployment efforts for web and mobile applications, utilizing Azure classic cloud services, Azure Function App, and Docker stack.
* Administered Jenkins, configuring jobs, managing plugins, and implementing distributed builds via master/slave architecture.
* Implemented containerization solutions with Docker, including Dockerfile composition and service deployment.
* Deployed Azure DevOps Repos and Pipelines, expertly managing YAML configurations and Azure schema. Managed the resolution of build and deployment challenges, ensuring project delivery without disruptions.
* Managed version control with Git, overseeing branching and merging strategies.

# **Project**



**1: Facility Expert (Eco Structure Power Platform) - Schneider Electric**

EcoStructure is the IOT platform of Schneider electric products, this platform receives the data from the real time devices(gateways) via the sensors. Facility Expert is the client facing hybrid built on top of the data received from the platform (IOT Hub). This application will continuously receive the data from the real time devices via azure services bus topics, it analyses the data and provides meaningful insights to the customers, it also alerts the customers when there is a power loss, communication loss, earth leakage, short circuit, overload, overvoltage etc on the electrical network connected to the gateway via push notifications. This product is built on top of the microservice architecture using technologies like node, .net core, docker and azure.

# **Education**

  
  
• Bachelor of technology in Mech, from JNTU, Kakinada.

**DECLARATION**

**I hereby declare that all the details furnished above are true to the best of my knowledge and I bear the Responsibility for the correctness of those details.**

**Place: Bangalore (Kanni Suresh)**