VOMMIDAPU CHINNI

**Aspiring Amazon Web Services & DevOps Engineer | Seeking Opportunities**

**+91-6300080466 |** [**github.com/vommidapuchinni**](https://github.com/vommidapuchinni) **|** [**vommidapuchinni@gmail.com**](mailto:vommidapuchinni@gmail.com)

[**https://www.linkedin.com/in/vommidapu-chinni-991561222/**](https://www.linkedin.com/in/vommidapu-chinni-991561222/)

# PROFESSIONAL SUMMARY:

Ambitious and detail-oriented BTech graduate in Electronics and Communication Engineering with a strong foundation in AWS and DevOps practices. Seeking a challenging role to leverage my skills in cloud computing, automation, and continuous integration to drive organizational growth and efficiency

# TECHNICAL SKILLS:

* Operating system - Linux, Windows
* Cloud platform – AWS
* Continuous monitoring tool – CloudWatch
* Version control tools - GIT, GITHUB
* IAC Tool – Terraform
* Build Tools -Maven
* Continuous integration tool - Jenkins
* Code quality tool – SonarQube
* Artifact management tool – nexus
* Containerization Tools – Docker, Kubernetes
* **Monitoring & Observability – Prometheus, Grafana**
* **Configuration management - ansible**
* **Scripting – shell scripting**

# SUMMARY:

* I am familiar with Linux commands.
* I am acquainted with on managing Amazon Web Services – EC2, Autoscaling group.
* Good knowledge on AWS storages (S3, EFS, EBS).
* Knowledge in architecting secure VPC solutions in AWS, with the help of security groups and VPC Endpoints. (networking)
* Launching EC2 Instances and attaching volumes to the instances.
* Create Snapshots and AMIs of the instance for backup.
* Creating S3 buckets and uploading objects in it, managing policies for S3 buckets.
* Managing in creating users and groups in IAM.
* Good Knowledge on Route53, Load balancer, CloudWatch, Cloud trail.
* Knowledge in branching, merging maintaining version using SCM tools like Git and GitHub on Linux Platforms.
* I am acquainted with continuous integration tool that is Jenkins.
* I have knowledge on continuous inspection tool that is SonarQube.
* knowledge on Containerization tool like Docker and Kubernetes, Writing Docker files for creating Docker images.
* Knowledge in Kubernetes for container orchestration, including deployment, scaling, and management of containerized applications.
* Experienced in using Prometheus for metrics collection and Grafana for data visualization and monitoring dashboards
* Hands on experience on ansible and shell scripting.

# MAJOR PROJECT:

# Automated Deployment of a Containerized Web Application:

# Automated the deployment of a simple web application using a CI/CD pipeline. The application was containerized using Docker and deployed to AWS. Implemented monitoring and logging to ensure the application's health and performance.

# Serverless Web App Development:

# This project is a web application that calculates the area of a rectangle. Users can input the length and width of a rectangle, and the application will display the calculated area. The application is built using AWS services such as AWS Amplify, API Gateway, Lambda, and DynamoDB

# Devsecops CI/CD pipeline for an uber clone:

# This project is a detailed overview of the continuous integration and continuous deployment (CI/CD) pipeline implemented for the Uber clone application. It is intended for developers, DevOps engineers, and security analysts involved in maintaining and enhancing the pipeline

# 3-Tier Architecture implementation:

Designed and deployed a scalable and resilient 3-tier architecture for a web application using AWS services

**Web tier:** 2 public subnets in separate availability zones, Auto Scaling Group with launch template and security group

**Application tier:** 2 private subnets, Auto Scaling Group with launch template, shared security group

**Data tier:** RDS in 2 private subnets with shared security group

Ensured high availability, security, and efficient resource management

# MINI PROJECTS:

* **Cross-Region Replication Setup for AWS S3 Buckets:** Configured cross-region replication for S3 buckets, enhancing data availability and disaster recovery
* **Multi account transit gateway deployment:** implemented transit gateways across multiple AWS accounts, improving network scalability and centralized management
* **Automated S3 Bucket Creation and File Upload using Terraform:** Automated S3 bucket creation and file upload using Terraform, showcasing IaC principles.

# EDUCATION:

**Bachelor of Technology in Electronics and Communication Engineering**

Maharaj Vijayaram Gajapathi Raj College Of Engineering  
2019 - 2023 | CGPA: 8.9

**Intermediate**

Narayana junior college

2017 - 2019 | MPC | Aggregate Percentage: 92.05%

**SSC**

Narayana Group of Schools  
2016 - 2017 | CGPA: 9.7

# ACADEMIC PROJECTS:

* Health monitoring system using Pulse oximeter**:** Developed a system for real-time health monitoring using pulse oximetry
* Design of MIMO Antennas for Wireless Application**:** Designed MIMO antennas to enhance wireless communication efficiency