

# VENKATA SRIMANNARAYANA YASAM

(770) 657-8278 | [venkatayasam0714@gmail.com](mailto:venkatayasam0714@gmail.com)

 [Linkedin](#) |  [GitHub](#)

Atlanta, GA 30080, USA

## OBJECTIVE

Seeking a challenging position in cloud engineering to leverage my expertise in AWS, Docker, Kubernetes, and CI/CD. Aiming to contribute to innovative projects at the intersection of cloud infrastructure and DevOps automation.

## EDUCATION

- Kennesaw State University** Jan 2024 - May 2025  
*Master of Science, Information Technology (Cloud Computing Focus, STEM Designated)* Kennesaw, GA, USA
- Vasireddy Venkatadri Institute of Technology** Aug 2019 - May 2023  
*Bachelor of Technology, Information Technology* Guntur, India

## EXPERIENCE

- CI/CD Pipeline for Streamlit Fake News Detection Application** Atlanta, GA, USA  
*AWS Cloud Engineer*
  - Designed and implemented a fully automated CI/CD pipeline using GitHub Actions to build, push, and deploy a containerized Streamlit application to AWS ECS Fargate.
  - Utilized Docker to containerize the application and hosted it in a secure and scalable infrastructure on AWS.
  - Stored model artifacts (Pickle and NLTK data) in the Docker image and ensured reproducible builds.
  - Integrated with Amazon ECR and ECS using IAM roles, configured task definitions, environment variables, and secure secrets management.
  - Verified successful deployment via public IP, ensured real-time access, and designed for future scalability with ALB and monitoring.
- WordPress Hosting on AWS (3-Tier Architecture)** Atlanta, GA, USA  
*AWS Cloud Engineer*
  - Designed VPC with public/private subnets using CLI aligned with AWS best practices.
  - Automated EC2 provisioning with Launch Templates and secured credentials via SSM Parameter Store.
  - Migrated DB to Amazon RDS and configured EFS for shared media across Auto Scaling groups.
- AWS Site-to-Site VPN Simulation** Atlanta, GA, USA  
*AWS Cloud Engineer*
  - Simulated on-premise environment using pfSense on AWS and established Site-to-Site VPN.
  - Configured static routes, route propagation, and firewall rules for bidirectional communication.
- Serverless Reminder Notification System (PetCuddleOTron)** Atlanta, GA, USA  
*AWS Cloud Engineer*
  - Designed a serverless email/SMS notification system using AWS Step Functions, Lambda, and SES/SNS.
  - Deployed static frontend via S3 and managed IAM roles through CloudFormation templates.

## SKILLS

- Programming Languages:** C, Python, JavaScript, Java, OOPS
- Database Systems:** MySQL, MongoDB, PostgreSQL
- Cloud Technologies:** AWS (ECS, Fargate, ECR, CloudFormation, EC2, RDS, EFS, Lambda, SES, SNS, S3)
- DevOps & Version Control:** Docker, Kubernetes, CI/CD, Git/GitHub, Linux
- Other Tools & Technologies:** Redis, pfSense, OpenCV, Q-learning, PID control, Deep RL
- Soft Skills:** Agile, Analytical, Collaboration, Problem Solving, Critical Thinking, Organization, Communication

## CERTIFICATIONS

- AWS Cloud Practitioner Certification** (Amazon Web Services) 2023
- AWS Cloud Solutions Architect Certification** (Amazon Web Services) 2024
- Java Full Stack Certification** (Wipro) 2023