

Rutuja More

✉ rmore@gmu.edu | [in](#) [Linkedin](#) | [G](#) [Github](#) | ☎ (571)-310-9644

Summary

Innovative and results-driven Computer Science Master's student specializing in Cloud Computing, Machine Learning and DevSecOps. Experienced in developing scalable AWS solutions, deploying secure cloud infrastructures, and leveraging AI technologies for optimized performance. Proven ability to excel in dynamic, technology-driven environments.

Education

George Mason University, United States	May 2026
Master of Science in Computer Science	GPA: 3.78
Dr. Babasaheb Ambedkar Technological University	Jun 2022
Bachelor of Technology in Computer Science	GPA: 3.34

Technical Skills and Certifications

- **Programming Languages:** Python, C/C++, JavaScript, MySQL
- **Frameworks and Libraries:** TensorFlow, Matplotlib, Scikit-learn, Numpy, Pandas, NLTK
- **Clouds and DevOps Tools:** AWS (EC2, S3, ECS, CloudWatch), Docker, Kubernetes, Git, Jenkins, Ansible, Terraform, Helm
- **Other:** JIRA- Agile (Scrum), Visual Studio, MS Office, Power BI, Jupyter Notebooks
- **People Skills:** Thriving in Ambiguity, Adaptability, Problem-Solving & Conflict Resolution, Building Trust in Teams.
- **Certifications:** AWS Certified Solution Architect Associate (Issue Date: June 29, 2024)

Professional Experience

Thetavega Tech | Cloud Operations Engineer and Project Manager July 2022 - May 2024

- Improved project delivery timelines by 20% for diverse projects, including industrial automation, infrastructure management, eCommerce, CRM, and EV charging solutions. Implemented Agile methodologies and utilized JIRA for effective task management and streamlined team collaboration.
- Led cloud-native migrations to modernize legacy infrastructure using AWS EC2, S3, MQTT, security groups, and AWS CLI. Achieved a substantial 15% reduction in cloud infrastructure costs through strategic resource optimization and effective migration practices.
- Redesigned deployment architectures and automated deployment processes to address inefficiencies and downtime in critical applications. Enhanced deployment efficiency by 25% and successfully maintained 99.9% system uptime, ensuring improved reliability and customer satisfaction.

AI Intern | YBI Foundation February 2022 - April 2022

- Developed advanced image processing algorithms and deep learning models using Keras and TensorFlow, enhancing key AI model accuracy by 18%.
- Applied unsupervised machine learning techniques for text analysis, and created a predictive model for heart disease detection, achieving 87% accuracy and driving actionable insights from raw healthcare data.

Projects

Cloud DevOps and 3-Tier Architecture Deployment

AWS, Kubernetes, NGINX, Docker, ECS Fargate, S3, CloudWatch

- Designed and deployed scalable 3-tier cloud architectures using Kubernetes, AWS ECS Fargate, and automated CI/CD pipelines, achieving a 30% improvement in deployment efficiency.
- Implemented multi-region deployments with NGINX Ingress and AWS CloudWatch monitoring, ensuring high availability and optimal performance of critical applications.

DC Storage (DApp)

Ethereum, IPFS, Solidity, AWS

- Developed a decentralized app (DApp) for secure and cost-efficient data storage using blockchain technology, reducing storage costs by 15%.

Crooks in the Sea

AWS, Python, Decision Trees, Random Forest

- Built and optimized a machine learning model using Decision Trees and Random Forest classifiers to accurately detect illegal fishing and poaching activities.
- Leveraged AWS services for scalable data storage and integrated real-time alerts, enabling quicker detection and response to illegal activities with improved precision.

Scalability Max: Optimizing Cloud Resource Allocation using Machine Learning (In Progress)

AWS, Kubernetes, Docker, Machine Learning (Transformers/LLM), Predictive Analytics, Python

- Developing a predictive machine learning model using transformers and large language models (LLM) to proactively optimize resource allocation in cloud infrastructures.
- Targeting significant improvements in scalability, cost-efficiency, and system performance through intelligent prediction of CPU, memory, and storage requirements.