RAHUL KOTHURI

Tirupati, Andhra Pradesh

📞 +91-7842348377 ✉ rahulkothuri67@gmail.com 🔗 Rahul Kothuri ⊙ rahulkothuri

SUMMARY

Results-driven Computer Science and Data Science professional with a strong foundation in software development, cloud engineering, and DevOps practices. Skilled in designing and deploying scalable applications with hands-on expertise in CI/CD pipelines, containerization. Adept at collaborating across teams, leading technical initiatives, and driving innovation through problem-solving.

EDUCATION

Mohan Babu University   **2022 – 2026**
B.Tech in Data Science - **CGPA - 9.37**

EXPERIENCE

Shata Events Pvt Ltd   **March 2025 – Present**
Cloud Engineer Intern
- Engineered a robust backend architecture for user and partner applications, enabling seamless integration with **AWS services** such as DynamoDB, ECS and S3, which reduced infrastructure costs by **20%**.
- Implemented real-time data processing and deployment pipelines, ensuring high availability and scalability while integrating **Swagger UI** for comprehensive API documentation, streamlining development workflows.

PROJECTS

Highly Available AWS Feedback Application with Hybrid Architecture and CI/CD Pipeline ⧉
- Built highly available web application on AWS using **EC2 Auto Scaling Groups, Application Load Balancer, Lambda functions, API Gateway, and DynamoDB** with automated CI/CD pipeline.
- Designed **custom VPC** architecture with public/private subnets across multiple AZs, implemented serverless backend for form processing and image storage in S3, achieving **99.9%** uptime with auto-scaling capabilities

Safe Link: Phishing Email Detection & Reporting System ⧉
- Developed a phishing email detection system using a fine-tuned **DistilBERT** model, achieving a 98% accuracy rate in identifying phishing attempts.
- Integrated **LLMs** to analyze detection scores and generate comprehensive reports on email safety, providing tailored precautionary measures with a user-friendly front-end using **Next.js**, deployed on **Vercel**.
- **Tech Stack:** Python, DistilBERT, LLMs, Next.js, Vercel

TECHNICAL SKILLS

Programming Languages: Java, Python, C, SQL
Developer Tools: VS Code, Git, GitHub, Linux, Postman
Cloud and DevOps Tools: AWS, Docker, Kubernetes, Terraform, Jenkins
Soft Skills: Leadership, Team Collaboration, Project Management, Communication

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Oracle Generative AI Professional
- GitHub Foundations Certification
- Oracle Data Engineer Associate

PUBLICATIONS

Pollutants and Heavy Metals Detection in Water Samples Employing Artificial Intelligence   **December 2024**
- **Authors:** Madhusudhan Reddy Basru, *Rahul Kothuri*.

Sign Language Glove for Gesture Recognition and Real-Time Translation   **September 2025**
- Filed under Sree Vidyanikethan Engineering college and *Rahul Kothuri*

ACHIEVEMENTS

- Won **IBM Expert Labs National Hackathon 2025** competing against 100+ teams across India.
- Appointed as **AWS Cloud Club Captain - India Region**, leading more than 1,000 students in learning AWS.
- Awarded **First Place** in the **IBM Technical Project Presentation** for developing project on RAG.
- Secured **First Place** in the **AI Autonomous Hackathon 2025**, for building an autonomous vehicle.