R Ganesh Kumar

LinkedIn | r.ganeshkumar241102@gmail.com | 8870461028

EDUCATION

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

BTech in Computer Science
July 2024 | Chennai, TN
Cum. GPA : 9.5/10

CERTIFICATIONS

AWS TECHNICAL ESSENTIALS
Certificate | Badge

GENERATIVE AI ON AWS
Certificate

AWS DEVOPS NAVIGATE
Certificate

MASTERING GIT
Certificate

MASTERING DOCKER
Certificate

SKILLS

TECHNICAL SKILLS

Cloud - AWS || Linux – Ubuntu
Programming – Python, C, C++
Version Control – Git, GitHub
Web Development – React, Django
Scripting – Bash || CI/CD – Jenkins
Databases – MySQL, DynamoDB
Version Control – Git, GitHub
Containerization – Docker
Orchestration – Kubernetes
Infrastructure as Code - Terraform

SOFT SKILLS

Critical Thinking || Leadership
Communication || Adaptability
Problem Solving || Public
Speaking || Collaboration

COURSEWORK

UNDERGRADUATE

Database Management System
Data structures & algorithms
Artificial Intelligence and
Machine Learning , SDLC ,
Cloud Computing , Operating
Systems, System Design

EXPERIENCE

WEB DEVELOPER INTERN | THE MEATCHOP
Nov 2024 - Present | Hybrid

- Designed a high-performance B2B operational website, enhancing user experience and functionality through a seamless front end. Implemented a stateless integration with a fully AWS-deployed backend infrastructure thereby ensuring scalability, efficiency and reliability.

AWS CLOUD INTERN | F13 TECHNOLOGIES
Aug 2024 - Nov 2024 | Virtual

- Gained hands-on experience with core AWS services, contributing to scalable cloud-based solutions. Earned industry-recognized certifications,showcasing proficiency in cloud architecture and deployment. Collaborated on the design and integration of backend services with dynamic front-end interfaces.
  Cert : AWS Cloud Intern

PROJECTS

CLOUD INFRASTRUCTURE AUTOMATION – AWS, TF, DOCKER
Jan 2025 - Feb 2025 | 🎧

- Designed a highly available AWS infrastructure using Terraform and Docker, automating resource provisioning and containerized deployments. Implemented IaC best practices, ensuring scalability, security and efficiency for seamless cloud-based application deployment and management.

MOVIE RECOMMENDATION SYSTEM USING AWS - ML
Oct 2024 - Nov 2024 | 🎧

- Built a movie recommendation system in Flask leveraging AWS Personalize to train and deploy an ml model for personalized movie suggestions based on user IDs thereby enhancing the recommendation accuracy and user engagement.

HR MANAGEMENT SYSTEM - WEB DEVELOPMENT & AWS
Oct 2024 - Nov 2024 | **in**

- Developed an HR Management System on AWS, streamlining employee records, leave requests, and file handling using serverless computing and dynamic database management. Integrated a React-based frontend with user authentication and automated notifications for a seamless and efficient user experience.

AWS CLOUD COST OPTIMIZATION - AWS
Sept 2024 - Oct 2024 | **in**

- Reduced cloud costs by 25%, optimizing storage and computing resources through automated Lambda scripts, reducing idle instances by 40%. Implemented CloudWatch events to monitor and manage unused EBS snapshots, triggering deletion or notifications to owners.

PEOPLE'S BEHAVIOUR ANALYSIS USING TEXT DATA - ML
Feb 2024 - Jun 2024 | 🎧

- Implemented a self-trained model known as 'LCNN-ATT' built using CNN, BiLSTM, and attention layers for behavior analysis of people from provided text data in an NLP project with an accuracy of 89%. Integrated advanced text preprocessing, hyperparameter tuning, and deployed a user-friendly web interface for real-time predictions.