

RAGURAM.T

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SUMMARY

Dynamic professional with a background in petroleum engineering and extensive hands-on experience in AWS cloud services, DevOps tools, and infrastructure as code. Proven ability to design, deploy, and manage scalable IT solutions. Strong analytical skills with a collaborative approach to problem-solving. Seeking to leverage skills and knowledge in an IT sector role.

PROJECTS

- Utilized AWS services such as EC2, S3, RDS, IAM, and VPC to setup the required environment.
- Implemented EC2 instances for application hosting, S3 for static content storage, and RDS for database management.
- Exercised AWS IAM to manage user permissions and roles securely.
- Setup AWS accounts, VPCs, and security groups.
- Developed a web application using AWS services such as AWS Lambda for serverless computing, and Amazon DynamoDB for database management.
- Created Terraform configurations to provision cloud infrastructure resources on AWS (Amazon Web Services).
- Made use of Terraform modules for reusability and maintaining consistency across deployments.
- Launched a basic web application on a local Kubernetes cluster.
- Orchestrated Kubernetes pod creation, configured deployment settings, and created services for external application access.

HARD SKILLS

- Skilled in a wide range of AWS services, including EC2, S3, IAM, and more.
- Command over cloud deployment and management.
- Proficient in DevOps tools such as Jenkins, Git, Docker, Kubernetes, and Ansible.
- Knowledgeable in infrastructure as code (IAC) tools such as Terraform and CloudFormation.

SOFT SKILLS

- Capable of fostering collaborative environments, actively contributing ideas, and effectively collaborating on projects.
- Demonstrated eagerness to acquire new skills and readily adapt to evolving environments and requirements.
- Thinking innovatively, generating new ideas, and finding novel approaches to problems.
- Prioritizing tasks, managing deadlines, and optimizing productivity.
- Building and maintaining positive relationships with colleagues, mentors, and industry professionals.

PUBLICATIONS

- Influence of covalent organic frame work integrated hybrid PEI membrane on removal of fulvic acid-divalent salts (UNDER REVIEW)
- Comparison studies of Bi₂WO₆ nanoparticles grafted on various polymeric membranes for the removal of tetracycline, humic acid and atrazine (UNDER REVIEW)

CERTIFICATIONS

- AmazonWebService (AWS)
- Basic offshore safety induction and emergency training(BOSIET)
- Hydrogensulphide safety(H₂S)

EDUCATION

Dhanalakshmi Srinivasan Institute of Research and Technology – Perambalur

Bachelor of Technology - (2020-2023)

Major in petroleum

Cumulative CGP: 7.7

Nandha Polytechnic College – Erode

Diploma in petrochemical-(2017-2020)

Cumulative CGP:8.5

ACTIVITIESANDWORKSHOPS

- Attained the Best Poster Award at the International Conference on Water: From Pollution to Purification (ICW2023) hosted by Mahatma Gandhi University in Kottayam.
- Delivered a paper at the AICTE-sponsored International Conference(ICAPPCFPI'22) convened at JCT College of Engineering and Technology Coimbatore