Aswin Krishna T

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Skills

Languages: C, Python

Cloud[AWS]: EC2, S3, VPC, IAM, RDS, CloudWatch, CloudFront, Route53, SNS, SQS, ECS

DevOps: Git, GitHub, Docker, Kubernetes, Jenkins, Terraform, Prometheus, Grafana

Other: Linux

Education

BTech   **MES College of Engineering**, Computer Science and Engineering — Mar 2020 – May 2024
- **CGPA :** 7.66/10

HSS   **Fathima Matha**, Science — Jun 2018 – Mar 2020
- **Percentage :** 89

Projects

ShowCaseMe   github.com/repo
A personal website to showcase my public profiles.
- Automated deployment by integrating GitHub with Jenkins using webhooks.
- Implemented SonarQube for code quality analysis.
- Deployed applications in Docker containers, ensuring scalability and efficiency

WebIDF   github.com/repo
Designed and implemented a secure authentication system using AWS Cognito and Google Identity Provider.
- Implemented AWS Cognito with Google OAuth 2.0 for secure user authentication.
- Configured IAM roles, S3, and CloudFront for controlled access to private content.
- Developed a front-end on S3 to dynamically load content based on authentication.

VotingApp   github.com/repo
A containerized voting app using Docker.
- Designed a five-container architecture for scalability and modularity
- Used Docker Compose for seamless deployment and networking.

Xplainer   github.com/repo
An app which gives personalized topic explanations tailored to user's age.
- Developed the application using React Native along with Expo
- Utilized Firebase, a reliable cloud-based storage solution.
- Used OpenAI's Text-Davinci API for personalized topic explanations.

Certifications

AWS & DevOps: Bsoft Education PVT LTD, Bangalore — Nov 2024 - May 2025
AWS Educate: Storage, Compute
Credly Badges