Sharan N

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Education

BGS Institute of Technology	Mandya, India
Bachelor of Engineering in Artificial Intelligence & Machine-Learning CGPA of 8.0 (7th Sem)	*Dec. 2021 – May 2025*
STG P r e - University College	Mandya, India
Studied Physics, Chemistry, Mathematics, and Biology Overall Percentage: 85.5%	*Aug. 2019 – May 2021*
S.R.K.V.V School	Shivamogga, India
Completed School Education with a percentage of 88.64%	*Jun. 2016 – Mar, 2019*

Projects

End-to-End CICD Implementation — *Jenkins* | GitHub

Implemented an end-to-end CI/CD pipeline for java-based application using Jenkins declarative   pipelines which Includes various stages such as Build, Unit testing, Static code analysis, SAST, DAST, Creation of Docker Images, Deployment on Kubernetes platform using Argo CD

Kubernetes End to End Deployment — *EKS* | GitHub

Deployed a game application by creating a cluster with Faregate and utilizing replicas in deployment to ensure auto-healing and ease of auto-scaling, configured application load balancer then exposed the application to the outside world through an external IP.

Cloud Cost Optimization — *AWS* | GitHub

Implemented Lambda function that fetches all EBS snapshots owned by the same account ('self') and also retrieves a list of active EC2 instances (running and stopped). For each snapshot, it checks if the associated volume (if exists) is not associated with any active instance. If it finds a stale snapshot, it deletes it, effectively optimizing storage costs.

Technical Skills

Languages: Java, HTML, CSS, Python, C, Bash
Skills: MongoDB, Docker, Kubernetes, MySQL, Git, Jenkins, Terraform, Ansible, Linux, AWS, GitHub, Excel, Microsoft office

Achievements

- Facial Emotion Detection - 1st Prize in Jnana Vignana Tantragnana Mela (JVTM)

Languages

- English
- Kannada
- Hindi

Certifications

- The Complete Terraform with Ansible Bootcamp 2024 - Udemy
- Linux System Administration - Kodekloud
- Introduction to Programming Using Python -Kaggle

Volunteering

I successfully organized and conducted a hackathon at my college, where I played a pivotal role in planning, coordinating, and executing the event. My responsibilities included formulating the event's theme, securing sponsorships, arranging logistics, and overseeing the overall event management. The hackathon attracted participants from various disciplines, fostering a collaborative environment that encouraged innovative thinking and problem-solving.