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CAREER OBJECTIVE:

AWS Certified Solutions Architect and DevOps enthusiast with experience in Docker, Kubernetes, Terraform, and Jenkins. Skilled in building scalable AWS infrastructure and automating CI/CD pipelines. Passionate about applying cloud and DevOps solutions to aviation, and eager to build a career in the aviation industry

EDUCATION QUALIFICATIONS;

Qualification	University	Year	CGPA
B.Tech in Computer Science	Gitam University, Bengaluru, Karnataka	2020-2024	8.08
Intermediate	Sri Chaitanya Junior College	2018-2020	8.75
10th standard	Vignan Vihar EM High School	2017-2018	9.2

TECHNICAL SKILLS/KNOWLEDGE:

Operating System : Linux, Ubuntu, and Windows.

AWS (Cloud) : EC2, VPC, S3 Bucket, Route53, IAM, SQS, SNS, Cloud Watch, EBS, Elastic Load Balancer, Auto Scaling.

DevOps Tools : GIT, GitHub, Jenkins, Docker, Ansible

Virtualization : VMware and Oracle VirtualBox

AWS Monitoring Services : Cloud Watch

Certifications : AWS Certified Solutions Architect- Associate, COSS Cloud Solutions, 2025

ACADEMIC PROJECTS:

Cartooning an Image: Beginning with image transformations. To convert an image to a cartoon, multiple transformations are done. Firstly, an image is converted to a Grayscale image. Yes, similar to the old days' pictures. Then, the Grayscale image is smoothed, and we try to extract the edges in the image. Finally, we form a colour image and mask it with edges. This creates a beautiful cartoon image with edges and a lighter colour of the original image.

Monitoring Temperature Using Augmented Reality & IOT: The system was developed using Unity 3D core. The Unity 3D core application uses Vuforia to track a target image and then displays a temperature overlay at the location of the target image. The temperature overlay is updated in real time using data from the IoT platform.

INTERNSHIPS:

AWS-CLOUD Virtual Internship:

First, VirtualBox is installed, and an **Ubuntu VM** is set up. Using the **VM's IP address,** a connection is made through **MobaXterm.** Inside MobaXterm, a directory called **Cake** is created, with a subdirectory named **flavor**. A **web package** is downloaded into flavor using **wget**, then unzipped after installing the **unzip utility.** The extracted files are compressed into a **.tar.gz** archive using **tar,** and the archive is moved back to the **Cake directory.**

Next, a **Dockerfile** is created with the necessary instructions, and a **Docker image** is built using **docker build. A** container is then run from this image **with docker run, exposing port 8091**. Finally, the website is accessed through a browser by entering the **Ubuntu machine's IP and port 8091**.

RESEARCH PAPER:

IEEE (Integration of IoT with AR for Temperature & Humidity Monitoring)