CHIHALA VATSAL

AWS Certified Cloud Practitioner

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Profiles
- ⊙ vatsal9972
- 🔗 VATSAL CHIHALA

Summary

Cloud and DevOps enthusiast with expertise in AWS, Docker, Terraform, and cloud automation. Skilled in modern data architecture, infrastructure as code, and cloud security. Passionate about leveraging cloud computing, AI, and automation for scalable, real-world solutions. Seeking opportunities to drive innovation in cloud architecture and DevOps engineering.

Experience

Infikey Technologies Pvt Ltd　　　　　　　　　　　　　**April - June 2024**
Trainee AWS Engineer - Intern　　　　　　　　　　　　　Ahmedabad

- Developed hands-on expertise in **AWS services** such as **EC2, S3, IAM, Lambda, and CloudFormation**.
- Completed **AWS Cloud Quest – Cloud Practitioner**, gaining practical experience in designing cloud solutions and applying best practices.
- Worked in a remote DevOps environment, understanding industry workflows and best practices.

Education

Charusat University　　　　　　　　　　　　　　　　　**2022 - 2026**
B.Tech - Computer Engineering
CGPA: 8.55 (Till 5th Sem)

Sahjanand School of achiever　　　　　　　　　　　　**2020 - 2022**
HSC - 81%

Laxman Gyanpith　　　　　　　　　　　　　　　　　　**2019 - 2020**
SSC - 86%

Projects

Resume Builder
- Developed an **open-source resume builder** allowing users to generate ATS-friendly resumes.
- Integrated 5+ customizable templates with **PDF export functionality**.

Automatic Number Plate Detection on AWS
- Engineered a real-time video processing pipeline leveraging Amazon Kinesis Video Streams for efficient video ingestion, achieving a 99.99% data reliability rate.
  - **Amazon Kinesis Video Streams** for video ingestion.
  - **AWS Lambda & Textract** for object detection and text extraction.
  - **DynamoDB & SQS** for data storage & messaging.
  - **EC2 for real-time visualization**.

DataPulse: Modern Data Architecture for Structured and Unstructured Data
- Designed an ETL pipeline using **AWS Glue, S3, and Athena** for large-scale data processing.
- Automated metadata extraction with **AWS Glue Crawler** for dynamic schema creation.
- Integrated **Amazon QuickSight** for real-time data visualization and BI insights.
- Processed **PDF files in S3** using **AWS Lambda / Amazon Textract**, converting data to JSON.
- Implemented **AWS Glue ETL Jobs** for data cleaning, transformation, and cataloging.

SKILLS & TECHNOLOGIES

Programming: C++, Java, Python, MySQL

Cloud & DevOps: AWS , Docker, Terraform

CI/CD & Automation: GitHub Actions, Bash Scripting

Web Development: React.js, HTML, CSS

OS & Tools: Ubuntu, Linux, Git

Certifications

AWS Certified Cloud Practitioner - AWS

AWS Cloud Quest : Cloud Practitioner - AWS

AWS Academy Cloud Foundations - AWS Academy

AWS Academy Cloud Developing - AWS Academy

Data Structure and Algorithm using java - NPTEL

Participations

AWS Student Community Day　　　　　　　　　　　　CHARUSAT

Breach 2025　　　　　　　　　　　　　　　　　　　　PDEU

Selected among the top 50 teams for the offline round of the Fintech Hackathon held at Pandit Deendayal Energy University (PDEU).