KAUSHAL PARMAR

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Skills

Programming Languages : Python │ C │ C++
Backend Framework : Flask │ Django │ Fast API
Databases : SQL │ MongoDB
Cloud Platforms/Services : AWS(IAM , EC2 , EBS , S3, Lambda , CloudFormation) │
Microsoft Azure(Storage Accounts , Function App , Data Factories)
DevOps : Docker │ Terraform
Version Control/Framework/OS : Git │ GitHub │ Backstage │ Linux

Education

- **LDRP Institute Of Technology & Reserch**   **Gandhinagar, India**
  Bachelor Of Eng In IT • CPI : 8.21 • Link   2022-Present

- **Shree Mohanlal Dipchand Shah Vidhyalaya (12th)**   **Botad, India**
  Percentage : 60.66 • Link   2022

- **Vivekanand Shaikshanik Sankul (10th)**   **Botad, India**
  Percentage : 68.83 • Link   2020

Work Experience

Wolke K8 Solutions • Software Developer Intern • Link   **Jan 2025 - Present**

- During my internship at Wolke K8 Solutions, I worked on building developer portals using the Backstage framework, including service catalogs, authentication, database integration, and custom plugins. I also created internal projects using AWS and Azure, and gained hands-on experience with Linux and TechDocs setup.

Projects

PlagiateX • Link   **Feb 2025 - March 2025**

- PlagiateX is a full-stack plagiarism detection platform built using ReactJS, Tailwind CSS, and Django. It features cleark user authentication, integrated Razorpay payment gateway for premium services, and provides advanced Services such as plagiarism detection, grammar correction, AI-generated content identification, paraphrasing, and humanizing text.

Jarvis • Link   **Sep 2024 - Oct 2024**

- Jarvis is a smart, voice-activated personal assistant designed to perform a variety of tasks, including speech recognition, text-to-speech synthesis, and executing commands like opening applications, providing information, and more. Built with Python, it leverages libraries like pyttsx3, speech_recognition, and PyAudio to deliver an interactive user experience.

Catalyst • Link   **July 2024 - Sep 2024**

- Catalyst is an AI-powered platform that identifies skill gaps by analyzing user profiles and provides personalized job and training recommendations. It offers real-time job market insights, adaptive learning pathways, and skills verification to enhance career development.

GitHub-Jira Integration Automation using AWS Lambda • Link **Feb 2025 - March 2025**

- This project uses AWS Lambda to automate GitHub and Jira integration. One Lambda function fetches a user's GitHub repositories and creates Jira tickets labeled "Created by AWS". Another scheduled Lambda runs every 4 hours, checks for updates on these tickets across all Jira projects, logs the changes in a .txt file, and uploads it to an S3 bucket for tracking.

Secure Key Management & Deployment using AWS SSM & CloudFormation • Link **Feb 2025 - March 2025**

- This project focuses on securely managing API keys using AWS SSM (Systems Manager) Parameters instead of hardcoding them or using environment variables. The Lambda code was updated to fetch keys directly from SSM, with global variables pointing to these parameters for easier access. Additionally, a CloudFormation template was created to automate the deployment of the Lambda function along with the creation of required SSM parameters, enabling consistent and secure infrastructure setup.

Snowflake to Azure Blob Integration with Data Validation using Azure Data Factory • Link **Feb 2025 - March 2025**

- This project automates data transfer from Snowflake to an Azure Blob container using Azure Data Factory. A CSV file was manually uploaded to Snowflake, and Data Factory was set up to fetch the data every 6 hours and store it as a CSV in Blob storage. A data validation mechanism was implemented to verify data integrity at both the source and destination. The complete workflow, including data validation, was successfully implemented and tested.

ADDITIONAL INFORMATION

- **Languages:** Gujarati , Hindi , English
- **Certifications:** Python For Data Science - NPTEL , Certificate Of Acceptance & Publication - IJRPR , 5 Days Leadership Training Program - Sarva Netrutva 88 , ISRO - Hackathon
- **Hobbies :** Coding , Hackathons , Cybersecurity