SPANDAN

ASSISTANT SYSTEM ENGINEER AT TCS

PROFILE

AWS developer with 1+ years of experience. Specialized in AWS cloud, Python programming, and compliance related to GDPR. Skilled with docker, microservices, Rest API and Kubernetes. Terraform certified associate who can work in a multi-cloud environment. Experienced with creating Django-based backend and React-based front-end. Experienced in CI/CD pipeline, Git, and agile methodology.

EXPERIENCE

Tata Consultancy Services
, Pune | Oct 2020 - Present
AWS Developer
1. Automation of GDPR data deletion using **Docker**, **Python**, and **Kubernetes**.
2. GDPR data deletion request on 6 different platforms.
3. Managing AWS-based deployment requirements for team members.
4. Maintaining Legacy platforms(microservices) for customers.

CERTIFICATIONS

AWS Certified
SOLUTION ARCHITECT-ASSOCIATE
Amazon | 2022
https://www.credly.com/badges/d7ed258d-cd01-4acd-b6b3-08a72835e250

AWS Certified
DEVELOPER – ASSOCIATE
Amazon | 2022
https://www.credly.com/badges/d29a1498-d131-4db5-a8b7-615289b01cab/public_url

HashiCorp Certified
TERRAFORM ASSOCIATE
Hashicorp | 2021
https://www.credly.com/badges/6c8a6eac-ae99-423d-afa5-a63a28085b8d

AWS Academy Graduate
AWS ACADEMY CLOUD ARCHITECTING
Amazon | 2021
https://www.credly.com/badges/e815439e-fe7a-48b2-87ad-7f3d46b0b52e

Hackerrank Certified
PYTHON (BASIC) CERTIFICATE
Hackerrank | 2021
https://www.hackerrank.com/certificates/e3c19f90e6df

INTERNSHIP

My Next Film
Intern, Delhi | Jan 2020 - July 2020
Movie script to audio script using TTS library of cloud providers, implemented pitch and volume variation to showcase age and emotions in generated audio. Worked on designing MNF website(UI + Backend) in Django and integrated various scripts to the website. Generated video of the script pdf using pdf highlighter library with characters voice, characters image, and scenes image using Pymupdf, Pymovie, and PIL.

EDUCATION

2016 - 2020
B.Tech (Computer Science and Engineering)
Sunderdeep Engineering College, Ghaziabad
University-A.K.T.U,Lucknow
76.5%

2013 - 2015
XII (PCM)
St. Xavier's School, Belthara Road, Ballia
Board-CBSE
73%

2011 - 2013
X
Manasthali Education Center, Reoti, Ballia
Board-CBSE
9 CGPA

SKILLS

Database

MongoDB ★★★☆☆
MySql ★★★☆☆

DevOps Tools

Terraform ★★★★☆
Jira ★★★★☆
Git ★★★☆☆
Docker ★★★★★
Kubernetes ★★☆☆☆

Programming Language and Frameworks

Python ★★★★★
Django ★★★★★
Js frameworks ★★☆☆☆

Cloud

AWS ★★★★☆
Azure ★★☆☆☆

STRENGTHS & ACHIEVMENTS

- **Appreciated by TCS for 100% Customer satisfaction.**
- **On the spot award was given by TCS.**
- **5-star python badge and 3-star problem-solving badge on hackerrank.**
- **Familiar with a version control system such as GitHub, GitLab, Bitbucket, and AWS Codecommit.**
- **Working on agile methodology.**
- **Working on IAC such as Terraform.**
- **Good knowledge of AWS Lambda, AWS EC2, AWS CloudFormation.**
- **Working on DevOps tools such as Docker, Kubernetes, Slack, Jenkins.**

- Lead the team in a college project, managed structure and CI/CD pipeline for the project. Also worked as a backend developer.
- Worked on JS frameworks such as ReactJs and VueJs. Designed UI using material UI and Boostrap4.
- Familiar with multiple clouds setup
- Secured 3rd rank at Saket college fest in Web Designing.
- Secured 2nd rank at college fest in Poster Design Competition.

PROJECTS

NETSHIKSHA
College Major | 2020

Netshiksha is implemented in Django and Html/bs4. This project consists of a student/teacher profile along with college marks, library books, courses, Zoom online classes, college attendance, cv maker, AI-based course and a book recommendation, rating-based book recommendation system, and assessment management. This project will help colleges to manage students and teachers as well as they can integrate all of the platforms in one place.

SCRIPT TO VIDEO
MyNextFilm | 2020

We have used script pdf as input for the Movie script video. The pdf text is highlighted dialogue by dialogue. Then we have pictures of that characters and scenes mapped in the Mongo database. I used these character and scene pictures to showcase which character is speaking and which scenario is going on. Also, I have synced the audio story with the highlighter using the audio time JSON and converted it to script video using the python library.

QR TO MENU
Personal | 2020

This project is for scanning QR and showing the menu of restaurants on the website. We have used MongoDB as a database, Django Rest API for the backend, and ReactJS as the frontend. The Restaurant can upload the menu in the admin section where they can upload images, price, description, discount, and category. Based on the data, the menu is shown in UI. We have designed two types of options in the menu, light menu(table-based) and card-based menu. Also the homepage and about will consist of details of the restaurant.

SCRIPT TO AUDIOSTORY
MyNextFilm | 2020

The Movie script is converted to an audio story. In the process, we find the priority of the character of the movie script and based on the priority we have assigned the voices from various cloud TTS providers to the characters. Also in the process, we have varied pitch, intensity, and volume to generate voices that are distinct from each other on the parameter of age and mood.

WEBSITE FOR MNF
MyNextFilm | 2020

Designed the internal website of mynextfilm. User can log in and upload the story of the film, after uploading the story get converted into a movie script, and various data are processed using backend scripts(of other developers). After that user can go with other services provided by MNF a script to audio, script to video, script to animation, etc.

HOBBIES

- *PLAYING CRICKET*
- *MUSIC*
- *TRAVELLING*
- *WATCHING MOVIES*

PERSONAL INFORMATION

Name
SPANDAN

Mother's Name
MRS. SANDHYA

Father's Name
MR. SHAILENDRA KUMAR SRIVASTVA

Date Of Birth
23 SEPT,1998

CONTACT

8920692804

spandansparse007@gmail.com

linkedin.com/in/spandanshrivastava-939a8815b