

Professional Summary:

Tata Consultancy Services - Assistant System Engineer

July 2022 – Sep 2023

Experience :- 1.2 years

- Managed and supported Kubernetes services and workloads
- Hands-on experience with cloud logging and container logging, adept at identifying and resolving real-time problems
- Automated alerts in Slack for errors and built SQL queries for client requirements
- Created dashboards for easy identification of latency and errors in Cloud Monitoring Tool
- Proficient in managing deployments as a DevOps professional, overseeing testing processes and ensuring smooth operation of instances in production environments
- Knowledgeable in Jenkins, Bamboo, and Spinnaker pipelines for deployment processes
- SAP proficiency, providing assistance to end-users and stakeholders across diverse business units

Ugam Solutions - Data Analyst Intern

Oct 2021 – May 2022

Internship period :- 8 months

- Worked as a consultant, programming in Dimension language.
- Assisted in data analysis tasks, contributing to insights and solutions for business needs
- Created responsive feedback and survey forms in multiple categories
- Utilized Dimension language to develop and customize responsive survey forms

Technical Skills:

- Technology: - GCP, React JS, Jenkins, Bamboo, SAP, Machine learning, Deep learning, Natural language processing
- Languages: - Python, JAVA, C, C++, JS, HTML, CSS
- Frameworks: - Sci-kit learn, Pytorch, Tensorflow, Keras, Numpy, Pandas, Matplotlib
- Database: - MySQL

Project:

- **Brain Tumour Detection Using Deep Learning Techniques** Jan 24
 - Aim: To detect the Brain tumour from MRI Images
 - Domain: Deep Learning | Python, Numpy, Pandas, Scikit-learn, Tensorflow
 - Submitted in Journal “**Journal of Propulsion Technology**” and published
 - Collected MRI scans of brain tumour patients, gathered pertinent information
 - Performed data cleaning and pre-processing to prepare it for model handling
 - The model was subsequently trained for the detection of brain tumours
- **Enhancing Defect Image Through Generative Adversarial Network** Jan 24
 - Aim: To enhance the defect or degraded image
 - Domain: Deep Learning | Python, Numpy, Pandas, Scikit-learn, Tensorflow
 - Submitted in Journal “**Journal of Propulsion Technology**” and published
 - Own photos were used as the dataset. There are 200 photos in the dataset
 - Before being delivered to the model, the dataset underwent pre-processing and cleaning. Added noise to the dataset, such as Gaussian, Rayleigh, Uniform, and salt and pepper noises
 - The Generator and Discriminator model was implemented and loss of those were introduced. Through model the noise dataset was enhanced
- **Compression of images using Generative Adversarial Network** Jan 24
 - Aim: To compress the image through generative model
 - Domain: Machine Learning, Deep Learning | Python, Pandas, Scikit-learn, Tensorflow
 - Collected MSCOCO images for the image compression project
 - Performed data cleaning and pre-processing to prepare it for model handling
 - The model was subsequently trained for the compression of the dataset

- **Shill Bidding Project using Machine Learning**

Nov 23

- Aim: To identify the type of bidding from given dataset
- Domain: Machine Learning | Python, Numpy, Pandas, Scikit-learn
 - The objective of this project is to identify shill bidding within a provided dataset using various machine learning algorithms
 - determining the most accurate algorithm for classification of the given dataset

Certification and Achievements:

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| • Google Cloud Platform – Associate cloud engineer | Apr 23 |
| • Top 10 coder in College, GUVI Platform | May 22 |
| • Cyber Security internship in Verzeo | Sep 20 |
| • Fast Fingers Coding Challenge - Third Place-KPR Institute of Technology | Aug 20 |
| • 100 Days Coding Python - KGISL Institute of Technology | Mar 20 |
| • PYCON Conference in Chennai by 100 days coding | Mar 20 |
| • Web Development - Intern in NIT College, Trichy | Feb 19 |

Education Details:

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|---|-----------------|
| • M.Tech Artificial Intelligence and Machine learning.
Lovely Professional Technology. CGPA – 8.58 | Aug 23 – May25 |
| • B.Tech Information Technology
KGISL Institute of Technology. CGPA – 7.84 | Aug 18 – Jul 22 |