Sri hari gupta K

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SKILLS

- **Technology**: GCP, React JS, Jenkins, Bamboo, SAP, Cyber Security, Machine learning, Deep learning
- **Language**: Python, JAVA, C, C++, JS
- **Frameworks**: Sci-kit learn, Pytorch, Tensorflow, Keras, Numpy, Pandas, Matplotlib
- **Database**: MySQL

WORK EXPERIENCE

- **Tata Consultancy Services – Assistant System Engineer**   July 2022 – Sep 2023

  Client – The Home Depot
  - 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

  Client - Ipsos
  - 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

PROJECTS

Brain Tumour Detection Using Deep Learning Techniques   Jan 2024
- 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 2024
- 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 2024
- 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 2023
- 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

CERTIFICATES & ACHIEVEMENTS

- Google Cloud Platform – Associate cloud engineer   Apr 2023
- Top 10 coder in College, GUVI Platform   May 2022
- Cyber Security internship in Verzeo   Sep 2020

- CODE ARENA TECH QUIZ (LEVEL 2) - PERI INSTITUTE OF TECHNOLOGY — Aug 2020
- FAST FINGERS CODING CHALLENGE - THIRD PLACE-KPR INSTITUTE OF TECHNOLOGY. — Aug 2020
- 100 DAYS CODING PYTHON - KGISL INSTITUTE OF TECHNOLOGY — Mar 2020
- PYCON CONFERENCE IN CHENNAI BY 100 DAYS CODING — Mar 2020
- WEB DEVELOPMENT - INTERN IN NIT COLLEGE,TRICHY — Feb 2019

EDUCATION

- **Lovely Professional University** — Punjab, India
  *Master of Technology – Artificial Intelligence and Machine Learning. **CGPA: 8.00*** — *Since August 2023*

- **KGISL Institute of Technology** — Coimbatore, Tamilnadu
  *Bachelors of Technology – Information Technology. **Percentage: 93%*** — *August 2018 - July 2022*