Gourav Chouhan

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OBJECTIVE

I am a data scientist, looking for a role in a good organization and to utilize my technical skills for growth of organization and enhance my knowledge about new and emerging trends in the data science and ai domain.

EDUCATION

B.Tech in Electronics and Instrumentation, Shri G.S. Institute of Technology and Science, Indore — 2019-2023
Aggregate CGPA: 7.21

12th, Sardana Public School, Dewas — 2017-2018
Score: 72 %.

SKILLS

Technical Skills	Deep Learning, Machine Learning, Data Analysis, Python Development
ML Tools	YOLO, Tensorflow, Pytorch, Keras, OpenCV, MLops, NLTK, Scikit-Learn, Matplotlib, Pandas, Numpy
Database	MongoDB, SQL
Services	AWS, Github Actions, Docker, DVC
Basics	Streamlit, Flask, Html, Css

EXPERIENCE

Data Science Intern — April 2023 - July 2023
Inueron — Remote

- Design a PCB Fault Detection application system that detects various types of fault in circuit boards using **YOLO** technique.
- Achieved **92%** accuracy for the system using hypertuning methods on yolo models.
- Automate CI/CD pipelines for flow less application development using **DVC** and **Github Actions**.

Data Science Intern — Feb 2021 - March 2022
GenieTalk.ai — Indore, M.P.

- Design a chatbot system to handle various customer queries and provide appropriate responses by using **NLP** and implementing it by **AWS Step function.**
- Improve the system response by integrating it with **AWS Lambda function** and **Api Gateway** that serve millions of requests.

Data Scientist and Analyst Intern — Jun 2021 - July 2022
The Spark Foundation — Remote

- Analyze and visualize various types of raw dataset and transform them into useful data.
- Implement and optimize various machine learning and deep learning models for different programs and projects using hyper parameter tuning techniques.

PROJECT

Electronics Component Classification Built an application that classifies different categories of electronics components based on their images by using keras transfer learning model. The model was converted into a quantised Tensorflow model that gives 95% accuracy. Code Link

Crop Production Optimization A web application uses a machine learning model that predicts the best crops to be grown in different soil and climatic conditions of that area. Model gives 98% accuracy. AWS Lambda function used to invoke model and api gateway for api interface. Code Link

Resume Name Extractor A Website that extracts a candidate's name from its resume and rename a file of its name using OCR method. Accuracy to extract the correct name was 90-95%. Code Link

DECLARATION

I hereby declare that the above information is true to the best of my knowledge and belief.