GAYATRI CHINKE

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LinkedIn:
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GitHub:
https://github.com/Gayatrichinke

SKILLS

Python
Openai
Tramsformers, LLM
Rag Query, Router Query Engine
Web Scraping
Scikit-learn
Keras, TensorFlow, Pytorch
NumPy
Neural Networks
Machine Learning Algorithms
Natural Language Processing
Clustering, Classification Algorithms
Support vector machines (SVM)
Random Forest, Decision Tree
Regression
Matplotlib, Seaborn
SQL, DBMS
Data Analysis
AWS Lambda, Azure, Apache Spark
MLOps, Docker, Databricks, Pyspark
Python frameworks (Flask, FastAPI)

SOFT SKILLS

Time management
Teamwork and collaboration
Communication skills
Decision Making
Problem Solving
Analytical thinking
Team Leader
Business intelligence

PROFESSIONAL SUMMARY

Data Scientist with expertise in developing AI solutions for the legal domain. Skilled in building scalable models and dashboards using NLP, ML, and cloud technologies to enhance workflows and decision-making. Experienced in end-to-end project management, from model development to deployment and optimization. Adept at collaborating with cross-functional teams and solving technical challenges. Passionate about applying AI to streamline legal processes and deliver innovative solutions.

EDUCATION

- B. Tech in CSE(AIML) at Deogiri Institute of Engineering and Management Studies, Aurangabad (2021-2024)
CGPA: 7.98

- HSC at Dnyanopasak College, Parbhani - 2020
Qualified with 62.38%

- SSC at Nutan Vidya Mandir, Parbhani - 2018
Qualified with 91.40%

EXPERIENCE

DATA SCIENTIST

Claw LegalTech (July 2024 – present)

— AI Drafter: Led a team to develop a model generating 150+ Indian legal documents with 80% accuracy, using RAG query, LlamaIndex, OpenAI LLMs, NLP, and Azure Cloud for deployment.
— Virtual Courtroom: Built an AI-powered system simulating courtroom proceedings, leveraging Router RAG query, NLP, and Azure Cloud
— Applied advanced machine learning techniques and natural language processing (NLP) to meet legal compliance and user customization requirements.
— Collaborated with cross-functional teams to integrate AI solutions into legal workflows, ensuring scalability and user adaptability.

Integrated AI into legal workflows using machine learning, LoRA fine-tuning, Git, Docker, and REST APIs.

MACHINE LEARNING INTERN

Claw LegalTech (Feb 2024 – May 2024)

- LegalGPT: Built a Q&A model for Indian legal and financial queries using a RAG-based model, LlamaIndex, OpenAI LLMs, and Python.
- Developed an identity verification system using Face Recognition, Tesseract OCR, and computer vision techniques with OpenCV.
- Created a case finder utilizing vector-based similarity matching in NLP and Python.
- Gained hands-on experience in web scraping using BeautifulSoup and Python.

MACHINE LEARNING INTERN

Mentorness Technologies (December 2023)

PROJECTS

Vehicle detection using OpenCV and machine learning:

— Developed an AI model for real-time vehicle detection in traffic using CCTV cameras.
— Utilized the YOLO algorithm and COCO dataset for model training.
— Worked as a Team leader for this team project.

Fake or real currency Recognition and classification

— Created a neural network using InceptionV3 and VGG16 pretrained models for currency recognition, achieving 89% accuracy.
— Employed the Kaggle Indian currency dataset for model building and training.
— Project link: https://github.com/Gayatrichinke/Currency-Classification-and-Recognition

Power_BI_Dashboard_HR_Analytics

— A comprehensive Human Resources (HR) Analytics dashboard built using Microsoft Power BI.
— The Power BI Dashboard is designed to provide valuable insights into HR metrics

COURSES AND CERTIFICATIONS

Professional AI Certificate by IBM Coursera- December 2023
Deep Convulational Generative Adversial Network by Udemy – December 2023
Linear Regression Analysis by Udemy – May 2024
Deep Neural Networks with PyTorch – November 2023
Machine Learning by IBM - June 2023
Natural Language Processing by IBM SkillBuild – May 2023