Devkinandan Jagtap

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linkedin

A passionate coder who desires to learn, experiment and explore technical, analytical and problem-solving skills and has an interest in Data Science, and emerging technologies.

EDUCATION

B. Tech in Artificial Intelligence and Data Science   2020 — 2024
Vishwakarma Institute of Information Technology, Pune   CGPA: 9.5

EXPERIENCE

BizAmica AI Software Pvt. Ltd. Pune   Jan 2024 - Jun 2024
Software Developer (Intern)
- Developed a Python script to automate the extraction and analysis of response times from multiple log files, specifically focusing on API response times.
- Created pipelines and connected with backend using **FastAPI** .
- Developed admin dashboard with visualization charts for analyzing daily, weekly, and monthly page counts. Implemented pie chart for customer-wise page counts and bar chart for monthly data.
- Automated testing functionality developed on izDOX AI Platform to evaluate document processing accuracy.
- Designed an intuitive dashboard to display TP, TN, FP, FN, accuracy, and f1-score metrics of key values pair and table format data. Implemented Excel download for result analysis and key values.

PROJECTS

Find PlaG (Determine plagiarism in college assignments)   **live website**
- Implemented efficient file upload, text extraction, and NLP-based comparison algorithms (cosine, Jaccard), stylometric, and metadata analysis algorithms.
- Deployed the front-end and back-end on separate servers on Render to ensure proper scalability and separation of concerns.
- Extended work by publishing a research paper on multiple document text similarity using stylometric analysis.
- https://github.com/Devkinandan50/-PlagiarismDetection
- Tech: React.js, Flask, Python NLP, PyPDF2, Text-Preprocessing

Zomato Dataset Analysis (EDA and Visualization)   **Live Visualization**
- Merged various datasets which contains 21 features and 1,00,000+ rows using Pandas.
- Conducted Exploratory Data Analysis (EDA) using Pandas and Numpy.
- Created visualizations with Matplotlib and Seaborn to identify data patterns and relationships.
- Developed interactive dashboards and reports using Tableau for data-driven insights.

Virtual Quiz Game (with Hand Gesture)
- Created a single-player quiz game utilizing OpenCV for real-time hand gesture detection, enabling users to virtually answer questions with virtual clicks.
- https://github.com/Devkinandan50/Virtual-mcq-exam
- Tech: Python, OpenCV

SKILLS

Programming	C++, Python, SQL, Data structures and Algorithms.
Libraries and Frameworks	NumPy, pandas, Matplotlib, Seaborn, React.js, Flask, Node.js.
Tools	EDA, Tableau, Teachable-machine, Version control - Git/Github.
Concept	NLP, OpenCV, Web, AWS, Data Visualization, Machine learning Models.

RESPONSIBILITIES & ACHIEVEMENTS

- Secured a **globalrank of 320** in Starters 77 on codechef.
- Head of content team in S4DS Student Chapter and member of (AISA) Club.
- Completed Research internship and Published research paper titled 'Detecting Writing Styles Using Machine Learning Clustering Techniques' in the proceedings of the 2024 IEEE International Students' Conference on Electrical, Electronics, and Computer Science.

PROFILES

- Leetcode: devkinandan50/
- Tableau: devjagtap50/
- GitHub: Devkinandan50/
- All Certificate Drive