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OBJECTIVE

Preferred Locations: Chennai | Bengaluru | PAN India(Remote)

A final-year B.Tech AI & DS student with a proven track record in developing innovative solutions, leveraging expertise in Python, Power BI, Tableau, R, web scraping, and frontend technologies like HTML, CSS, and JavaScript. Adept at applying data analysis, visualization, and development skills to solve real-world challenges. Seeking a dynamic role to contribute to impactful projects in data scientist, data analyst, data engineering, machine learning or frontend development while continuously enhancing technical proficiency and delivering results in a collaborative environment.

EXPERIENCE

Creative Technostructure – Data Scientist

Oct 2024 – Present

- Developed a **Candidate Score Prediction System** using machine learning models like XGBoost to predict candidate performance in technical assessments with 90% accuracy, helping recruiters prioritize top candidates
- Utilized **data analysis and predictive modeling** techniques to streamline the recruitment process, improving candidate selection efficiency by 25% and reducing time-to-hire by 20%

Postulate Infotech - Data Science Intern

May 2024 – June 2024

- Developed a **chatbot for document scraping** using advanced NLP and machine learning techniques leveraging **SentenceTransformers** to create semantic embeddings, ensuring accurate and efficient information retrieval.
- Integrated **LangChain, Chroma** to enhance the chatbot's ability to manage & query large volumes of unstructured data.

IBM Skills Build Edunet Foundation - AI Intern

August 2023 - October 2023

- Achieved a 30% improvement in sentiment classification accuracy, yielding more reliable insights into customer feedback.
- Utilized Python, Jupyter Notebook, and implemented Support Vector Machine (SVM) algorithm for sentiment analysis

Cloud Counsellage Industry Academia Community - Data Analyst Intern

July 2023 – September 2023

- Worked on project to gain the insights from the real time data collected from the different colleges.
- Analyzed a dataset of 2000+ student records to uncover insights correlating economic background with academic performance and projected salaries; findings informed strategic recommendations for targeted academic support programs.

PROJECTS

Restaurant Data Scraper using Python and Selenium [Link to Code](#)

Jan 2025

- Developed a Python-based scraper using Selenium to extract restaurant details (name, rating, phone, and address) from Google Maps, storing data in a CSV file for analysis.
- Automated data collection process, ensuring clean and structured output saved to a CSV file for further analysis.

Electricity Meter Reading Project [Link to Code](#)

Dec 2024 – Present

- Created an automated system for electricity meter reading using computer vision techniques used YOLO V8, TrOCR Algorithms.
- Developed algorithms to process images of meter readings and convert them into structured data for analysis.

Automated Question Builder Application (Team Project) My Role – Frontend Dev [Hexaware UI](#)

Oct 2024-Dec 2024

- Developed an advanced administrative dashboard for monitoring key metrics such as user activity, network load, study time reports, and question attempts over time. Implemented a responsive UI using HTML, CSS, and JavaScript, featuring dynamic data visualization through interactive charts.
 - Designed features for emailing generated question banks to selected recipients with an easy-to-use email selection interface.
- Technologies used: HTML, CSS, JavaScript, Git, Responsive Design, Data Visualization

Exploring the Data Professional Landscape: Insights from Survey Trends [Link to Project](#)

Sep 2024

- Analyzed 500+ survey responses using Python to uncover trends in skills, tools, and salaries in the data profession.
- Designed 5+ interactive dashboards with Power BI, providing actionable insights to guide career growth and upskilling decisions.

Data Analytics Project: Student Intern Insights [Link to Project](#)

- Data Analysis: Processed and analyzed a dataset containing various attributes of student interns, focusing on academic performance, economic background, and career aspirations. Insight Generation: Addressed 15 analytical questions, such as identifying relationships between various factors that influence student success. Visualization: Created visualizations for all questions to clearly present findings.
- Outcome: Provided actionable insights into how various factors, such as family income and event participation, influence student success, with visual data supporting recommendations.

EDUCATION

B.S. Abdur Rahman Crescent Institute of Science and Technology.

Chennai, TN

Bachelor of Technology in Artificial Intelligence and Data Science CGPA: 9.1/10

Aug. 2021 – Present (8th Sem)

Relevant Coursework: DBMS, Computer Networks, Operating Systems, Statistics and Probabilities, Algorithms, Artificial Intelligence

Islamiah Boys' Higher Secondary School

Vaniyambadi, TN

Achieved top scores in multiple subjects during final examinations for both Grade 10 and Grade 12

May 2019 - May 2021

ADDITIONAL

Technical Skills: Programming Languages: Python, R, SQL, C

Machine Learning: Scikit-learn, TensorFlow, PyTorch

Database Management: MySQL, MongoDB, Postgres(L)

Tools: Jupyter Notebook, VS Code, Git, GitHub, GCP

Data Analysis: Statistical analysis, Predictive analytics, Feature engineering

Data Visualization: Tableau, Power BI, Fabric,

Achievements: MLSA - Led tech workshops, events, and Cloud Skills Challenges, Designed and implemented innovative projects utilizing Microsoft Azure, Power Apps, dramatically boosting workshop effectiveness and participant engagement.

Certifications: Microsoft Certified: Power BI Data Analyst Associate [Certificate](#), Microsoft Certified: Fabric Analytics Engineer Associate [Certificate](#) Databases & SQL for Data Science with Python

Extracurricular Activities: **Power BI Workshop** – Conducted interactive sessions on Power BI data analytics & visualization for students.

Certificate of Achievement: Wadhvani Foundation for recognition of a prototype as a Real Venture