Akshat Shah

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EDUCATION

University of Teaxs At Arlington   **Arlington, TX**
Master of Science in Computer Science, GPA (4/4)   August 2023 – May 2025
- Coursework: Design & Analysis Algorithms, Database Systems, Data Analysis & Modelling Techniques, Data Mining, Machine Learning, Software Engineering, Artificial Intelligence, Computer Vision.

Indus University   **Ahmedabad, India**
Bachelor of Technology in Computer Science, GPA (9.89/10)   July 2019 – May 2023
- Organized and managed 75+ events as a **Technical Head** of Student Activity Cell strengthening teamwork and problem-solving skills.

SKILLS

Technical: Python, Django, PHP, Laravel, .NET, SQL, R, Tableau, Power BI, MongoDB, Hive, Spark, Pig, Neo4J, Microsoft Excel, Lucid Chart, Adobe Analytics, PostgreSQL, Pandas, Numpy, Matplotlib, Seaborn, Plotly, MATLAB, NLP, Azure, Java, HTML, CSS, jQuery, Javascript, NodeJS, PyTorch, TenserFlow, Scikit-Learn.
Proficient Skills: Communication skills, Classification, Regression, object-oriented programming, Critical Thinking, Agile Methodology, Entrepreneurial, Data Governance, Pattern Recognition, Exploratory Data Analysis, data mining, Extraction, Transform, Load (ETL), Software Development Life Cycle (SDLC), algorithm development, cross functional, documentation, data analytics, SAS, user requirements, interpersonal skills, time management, business analytics, data validation, data science, data engineering, REST Api.

WORK EXPERIENCE

Code Caste Pvt. Ltd.   **Ahmedabad, India**
Web Developer Intern   January 2023 – June 2023
- Acquired extensive training in PHP and the Laravel Framework.
- Demonstrated strong problem-solving skills and keen attention to detail under tight deadlines. Collaborated with cross-functional teams to design, develop, and deploy innovative solutions for various live projects.
- Played a crucial role in enhancing the user interface functionalities and administrative model of the "Manchester Healthy School" website (Manchester Healthy Schools).
- Collaborated with CEO to define requirements, track project progress and enhancements, using Agile methodology to ensure adaptability and responsiveness to evolving needs.

Brainly Beam Pvt Ltd   **Ahmedabad, India**
Data Science Intern   May 2021 – October 2021
- Proficient in machine learning and Natural Language Processing, leveraging advanced techniques to develop a state-of-the-art recommendation system.
- Designed and implemented a cutting-edge recommendation system, integrating content-based and collaborative filtering methodologies for optimal performance.
- Incorporated sentiment analysis into the system architecture, enhancing user experience by providing personalized suggestions tailored to emotional context.
- Showcased expertise in data engineering, algorithm development, and model evaluation through completion of project.

PROJECTS

Website For Property Renting & Buying   November 2023
- Developed a comprehensive property rental platform using the Django framework, incorporating HTML, CSS, JavaScript, and Bootstrap for a responsive and user-friendly interface and utilized PostgreSQL for robust data storage and management.
- Enabled brokers and property owners to upload and manage rental listings and implemented a machine learning algorithm using Python and scikit-learn to dynamically adjust the position of properties on the listing page based on user reviews and ratings.

Leaf Diseases Detector   January 2024
- Collected and preprocessed a diverse dataset of diseased and healthy leaf images from multiple sources to ensure robust model training.
- Implemented data augmentation techniques to enhance the model's ability to generalize across different environments and lighting conditions.

ACHIEVEMENTS

Smart India Hackathon (Winner)   August 2022
- Led a team of 5 to win the Smart India Hackathon, showcasing expertise in innovation and technology on the problem statement "Document Quality Score" given by the Ministry of Electronics and Information Technology.