Sachin Jain

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EDUCATION

The University of Texas at Dallas   Aug 2023 – Jun 2025
Master of Science, Business Analytics & Data Science
Awarded the Deans Excellence Scholarship.

Jawaharlal Nehru Technological University, India   Aug 2018 – Jul 2022
Bachelor of Technology, Computer Science and Engineering   *GPA 3.2*
Awarded the Certificate of Leadership for contribution in the Students Council

SKILLS

Programming Languages: Python, MySQL, MongoDB, JavaScript, R, Data Structures and Algorithms.
Data Science Techniques: Machine Learning, Deep Learning, Big Data, NLP, TensorFlow, PyTorch, Keras, Advanced Statistics.
Tools: Tableau, Amazon Web Services, Advanced Excel, Microsoft PowerPoint, Jupyter Notebook, VSCode, Eclipse.

PROFESSIONAL EXPERIENCE

Development Bank of Singapore, India   Aug 2022 – Jun 2023
UI Developer
- Enhanced user experience and customer satisfaction by developing, documenting, and seamlessly integrating over 5 React.js front-end screens for DBS's consumer banking applications.
- Achieved a significant 30% boost in customer experience and application engagement, contributing to the overall success of the consumer banking platform.

Keka HR, India   Apr 2022 - Jun 2022
Product Specialist - Intern
- Achieved onboarding of 13 clients within a rapid 2-month time frame, demonstrating proficiency in client management encompassing onboarding, adoption, retention, and satisfaction.
- Monitored and analyzed KPI's, recommending operational optimizations that resulted in a 15% increase in efficiency and annual cost savings of $50,000.

Adhyaay, India   Dec 2019 - Jan 2021
Co-Founder
- Orchestrated operations for a diverse cohort of 100+ students (Grades 6-10), elevating average academic performance by over two grade points through personalized teaching methods.
- Pioneered advanced virtual classroom technology to enable stress free online learning during the high pressure COVID-19 pandemic, achieving an impressive 95% retention rate.

ACADEMIC PROJECT EXPERIENCE

Traffic Prediction and Recommendation System, JNTU   Jul 2021 - Apr 2022
- Engineered a high-performing Machine Learning model using Random Forest Regressor and Support Vector Machine, gained an 86% accuracy in predicting traffic rates.
- Leveraged frameworks like Keras, Pandas, TensorFlow, and Scikit-Learn to optimize data processing and analysis, ensuring accurate predictions.
- Deployed a Tkinter GUI Recommender System for optimal path predictions. resulting in a 40% reduction in delivery time.

Depression Detection in Twitter Posts, JNTU   Oct 2021 - Mar 2022
- Developed and implemented a Deep Learning Model utilizing Natural Language Processing techniques to predict depression in individuals based on tweet data, reached an 85% accuracy rate at both tweet and user levels.
- Implemented CNN (Convolutional Neural Network) with LSTEM, RNN using Keras, and leveraged NLTK and Tweepy API for advanced natural language processing and data analysis.

ORGANIZATION EXPERIENCE

Students Council of KMIT, Head of Strategy & Planning   Apr 2019 - Oct 2021
- Strategically formulated event blueprints, expertly coordinated resource allocation, and fostered close collaboration with administration and student representatives.
- Galvanized a 15-member team to flawlessly execute 4+ festivals, captivating audiences of over 4000+ students; delivered unforgettable experiences through planning, mindful scheduling, seamless coordination, and creative programming.