

SHREYAS RAUT

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EDUCATION

Shri Ramdeobaba College of Engineering and Management Bachelor's Degree in Computer Science (Artificial Intelligence and Machine Learning) CGPA: 9.53	2021-2025
Jain International school Aggregated 89.6% in HSC Board Exam.	2021

WORK EXPERIENCE

ALTAIR Data Science Master Internship (view)	(April - June 2024)
<ul style="list-style-type: none">Leveraged industry-standard methodologies and RapidMiner to drive data-driven decision-making; optimized business processes, reducing operational costs by 15% during AWS AI-ML Virtual Internship	
AWS AI-ML Virtual Internship (view)	(May - July 2023)
<ul style="list-style-type: none">Mastered designing, implementing, and optimizing AI/ML solutions on AWS, resulting in 40% faster model deployment and 25% cost savings through scalable architecture and efficient data processing	

UNIVERSITY PROJECTS

SYMPTOSENSE: NLP BASED SYMPTOM CLASSIFIER (view)	March - 2024
<ul style="list-style-type: none">Developed a Natural Language Processing (NLP) system for symptom classification and specialist doctor recommendations, utilizing advanced machine learning algorithms to improve healthcare outcomes and patient referrals.Improvement in prediction accuracy by optimizing a ML model using advanced techniques like LSTM, GloVe, and BioBERT, tailored for [specific application or field, e.g., "clinical text analysis"]Achieved high accuracy: 99.4748% with LSTM and 99.69% with GloVe embeddings.Worked closely with medical specialists to refine and validate the model, ensuring it meets industry standards and is ready for deployment in healthcare environments.	
AI DRIVEN WATER WELL PREDICTOR (view)	September - 2023
<ul style="list-style-type: none">Developed a machine learning model using SVM, Decision Tree, and Random Forest algorithms to predict groundwater quality, potability, water saturation, and site accessibility for well locations.Achieved impressive accuracy rates, with 98% in training and 96% in testing, demonstrating the model's exceptional performance and reliability.Achieved a 97% accuracy in evaluating water usability by analyzing saturation levels, leveraging advanced data analysis techniques.	

SKILLS

- Programming Languages: Python, C, Java, SQL
- Machine Learning: TensorFlow, Keras, Scikit-learn
- Tools and Platforms: AWS

CERTIFICATION

Awarded with a Design Patent for the innovative idea of Multifunctional Electronic Keyboard	2024
Qualified GATE examination	2024
Won 3rd prize at Geek-A-Thon powered By GeeksforGeeks	2023
International conference for mathematics - AIMER in Pune.	2019
Vice President of Rotaract Club – RCOEM	2023-2024