

EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	Mahatma Gandhi University ,Nalgonda	7.9	2020-2024
Senior Secondary	Telangana State Board of Intermediate Education	97.2%	2018-2020
Secondary	Board of Secondary Education Telangana State	9.2	2017-2018

EXPERIENCE

- Dhaapps

Machine Learning Intern

May 2023 - June 2023

Remote

– Designed and deployed a **Logistic Regression** classification model using frequency analysis in **Python**. Utilized **NumPy** and **pandas** libraries to accurately predict and classify data points as either rocks or mines.

– Performed **data preprocessing** and **feature engineering** to train a **Logistic Regression** model. Successfully classified rock and mine samples using frequency-based attributes, demonstrating proficiency in **machine learning** techniques.
- Acuvate Software Pvt Ltd

Software Engineer Intern

Aug 2024 – Sep 2024

Hyderabad, India

– Engineered a responsive web application using **HTML**, **CSS**, **JavaScript**, and **jQuery** to streamline employee data management, enhancing front-end performance and user experience.

– Designed and queried a **medical database** using **SQL**, optimizing data retrieval and improving accuracy in healthcare record analysis.

– Applied **Python** and core **data science techniques** to process structured datasets and extract actionable insights for internal reporting.

– Collaborated in an agile team environment to deliver a real-time web solution, integrating clean code practices and version control using Git.

PROJECTS

- Sentiment and Context-Aware Hybrid DNN with Attention for Text Sentiment Classification

Sep 2023 – Mar 2024

GitHub

– Built a hybrid deep learning model combining **LSTM** and **GRU** layers with an attention mechanism to classify sentiment in textual data with improved contextual understanding.

– Preprocessed and visualized data using **NumPy**, **pandas**, **Matplotlib**, and **Seaborn**, identifying key patterns in sentiment distribution.

– Benchmarked performance against traditional ML models like **SVM**, **KNN**, **Random Forest**, and **Decision Trees**; the hybrid **LSTM + GRU** model achieved the highest accuracy.

– Demonstrated practical experience in **deep learning**, **text classification**, and model evaluation in a real-world sentiment analysis task.
- Evaluation of Factors Affecting Compressive Strength of Concrete Using Machine Learning

Mar 2021 – Apr 2021

GitHub

– Led a machine learning project to predict the compressive strength of early-age concrete based on raw material proportions and curing conditions.

– Utilized **Linear Regression** and **Random Forest Regressor** models; **Random Forest** achieved the lowest **RMSE**, indicating superior predictive performance.

– Conducted comprehensive data analysis using **NumPy**, **pandas**, **Matplotlib**, and **Seaborn** to identify key variables affecting concrete strength.

– Strengthened practical skills in **regression modeling**, **feature impact analysis**, and predictive evaluation.

TECHNICAL PROFICIENCY

- Languages: Python, C++, SQL, JavaScript, HTML, CSS, OOP

• Web Development: HTML, CSS, JavaScript, jQuery, Responsive Design

• Libraries & Tools: NumPy, pandas, Matplotlib, Seaborn, scikit-learn, Git, GitHub, Excel

• Databases: MySQL, SQL Server

• Machine Learning: Regression, Classification, Feature Engineering, Model Evaluation

• Relevant Courses: Data Structures and Algorithms, Web Technologies, DBMS, Probability and Statistics

• Certifications: Google Python Crash Course (Coursera), C Programming (Programming Hub)

LEADERSHIP & ACHIEVEMENTS

- Group Leader – Major Project (Sep 2023 – Mar 2024), Led a technical team for the successful execution of a deep learning-based s

• Sports Secretary – Cricket Captain, MGU (Aug 2022 – Aug 2023), Organized and led university-level sports events; built team spin

• District Topper – Ramanujan Maths Olympiad (2017), Achieved top rank in a prestigious inter-state mathematics competition.

• Cricket Champion – Inter-Year Sports Meet (2022), Secured first place as team captain, demonstrating strategic and collaborative s