KANUGU TARUN

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Career Objective

Results-oriented Computer Science graduate with hands-on experience in Machine Learning, Deep Learning, and Data Analytics. Proven ability to develop and deploy ML models for real-world applications. Seeking opportunities to apply technical expertise and problem-solving skills in a dynamic environment.

Technical Skills

Programming Languages: C, Python, Java
Web Development: HTML, CSS, JavaScript
Databases: MySQL
Machine Learning: Supervised Unsupervised Learning
Tools: Visual Studio Code, Git, GitHub
Technologies: Machine Learning

Interpersonal Skills

Communication: Verbal and Written Communication
Collaboration: Teamwork, Leadership
Problem-Solving: Critical Thinking, Decision Making
Adaptability: Flexibility & Time Management
Work Ethic: Responsibility, Integrity

Education

Bachelor of Technology – Computer Science Engineering **2020 – 2024**
Mahatma Gandhi University, Nalgonda ***CGPA:*** *7.8*

Senior Secondary **2020**
Telangana State Board of Intermediate Education ***Percentage:*** *97.2%*

Secondary **2018**
Board of Secondary Education Telangana State ***CGPA:*** *9.2*

Experience

Dhaapps **May 2023 – June 2023**
Machine Learning Intern (Remote)

- Developed and implemented a logistic regression-based classification model utilizing frequency analysis techniques in Python with NumPy and pandas libraries.
- Applied data preprocessing and feature engineering to train a logistic regression model, accurately differentiating between rocks and mines based on frequency attributes.

Projects

Sentiment and Context-Aware Hybrid DNN with Attention for Text Sentiment Classification **Sep 2023 – Mar 2024**

- Analyzed customer data using NumPy, Pandas, Matplotlib, and Seaborn.
- Applied various ML algorithms such as SVM, KNN, Random Forest, and Decision Trees.
- LSTM + GRU provided the highest accuracy.

Evaluation of Factors Affecting Compressive Strength of Concrete Using Machine Learning **Mar 2021 – Apr 2021**

- Led a project to expedite the process of determining the compressive strength of early-age concrete using ML.
- Analyzed compressive strength data and implemented Linear Regression and Random Forest models.
- Random Forest Regressor achieved the lowest RMSE, making it the optimal choice.

Certifications

- **Google Crash Course on Python** (Coursera)
- **C Programming Certification Course** (ProgrammingHub)

Achievements

- **Group Leader, Major Project** (Sep 2023 – Mar 2024)
- **Sports Secretary, Cricket Captain, MGU** (Aug 2022 – Aug 2023)
- **Ramanujan Maths Olympiad, District Topper** (2017)
- **Inter-Year Sports Championship, Cricket** (2022)