

URKONDA NAGARAJU



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Education

SR University, Telangana, India

Bachelor of Technology in Computer Science

oct 2022 – oct 2026

CGPA: 7.6

SR College for Boys, Hanamkonda

MPC Intermediate

Jul 2020 – Jul 2022

Percentage: 76.3

ZPHS high school, huzurabad

SSC

Jun 2019 – Jun 2020

GPA: 10

Projects

Student Management System

java

- Developed a console-based student management system that allows staff to manage student records, including adding, updating, and deleting records.
- Implemented object-oriented principles to create efficient system,utilizing to manage data, reducing manual workload by 25 percent.

Expense Tracker

java

- Built a Java-based expense tracking system, supporting users to input, categorize, and monitor expenses, helping improve budgeting and financial management.
- Leveraged ArrayLists for dynamic data handling, allowing up to 1,000 transactions to be stored and accessed efficiently.
- Implemented statistical summaries and data visualizations to help users better understand their spending habits and make informed financial decisions.

Heart Stroke Prediction

Python,Jupyter Notebook

- Designed a machine learning model to predict the likelihood of heart stroke based on patient data, achieving an accuracy rate of 90 percent through advanced feature engineering.
- Utilized visual analytics tools to analyze key risk factors, providing healthcare professionals with valuable insights to improve patient outcomes.
- CProcessed and cleaned large medical datasets, addressing missing values and outliers to enhance model reliability and prediction accuracy.

Internships

AICTE Virtual Internship

Machine Learning Intern

Jun 2024 – Jul 2024

Google Developers Platform

- Completed a virtual internship focusing on AI and Machine Learning through the AICTE and Google Developers Platform.

Technical Skills

Programming Languages: C, Java, Python, JavaScript

Libraries/Frameworks: Scikit-learn, React

Databases: MySQL

Other Achievements (Certifications, Workshops Attended)

Azure Ai Fundamentals - Microsoft

Database Management System - Course era

Data Structures and Algorithms using Python - Course era