

Keerthi Reddy Nalla

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github.com/keerthireddy-nalla

Skills

Programming Languages: Python, SQL, R, JavaScript, C++, Java

Tools / Databases: MySQL, Tableau, Pandas, NumPy, Power BI

Platforms: Docker

Soft Skills: Problem-Solving, Adaptability

Internship

Data Science Intern

Cipher Schools

June 2024 - August 2024

- Developed and deployed machine learning models for recommendation systems using Python (scikit-learn, TensorFlow, Pandas).
- Designed and optimized data pipelines for large-scale dataset preprocessing, improving efficiency and reliability.
- Created interactive data visualization dashboards using Matplotlib, Seaborn, and Plotly to present insights effectively.
- Worked with both SQL (PostgreSQL) and NoSQL (MongoDB) databases for structured and unstructured data management.

Projects

Guessing Game with Python

Nov 2023 – Feb 2024

- Developed an interactive number guessing game using Python.
- Implemented an infinite gameplay loop with a scoring system that tracks player attempts and updates final scores accordingly.
- Utilized Python's random module to generate unpredictable numbers, enhancing game dynamics.

Blood Donors Website Html CSS JavaScript

Sept 2023 – Present

- Designed a dynamic web platform for connecting blood donors with recipients in need.
- Implemented user authentication, allowing individuals to register and manage their donor profiles.
- Developed an intuitive search functionality enabling users to find donors based on blood type, location, and availability.
- Built the platform using HTML, CSS, and JavaScript, ensuring responsiveness and user-friendly navigation.

Covid Data Analysis with Excel

March 2024 – May 2024

Faced with the challenge of understanding COVID-19 trends in India, I utilized the Kaggle COVID India dataset to perform exploratory data analysis (EDA) in Excel.

- Conducted deep analysis on state-wise COVID cases and fatalities for 2020 and 2021, identifying daily and cumulative trends.
- Designed structured reports to analyze the death-to-recovery ratio across Indian states, providing insights for better pandemic response strategies.
- Enabled data-driven decision-making by visualizing key findings through Excel dashboards, improving clarity and accessibility of insights.

Certifications

- Data Analysis with Tableau - Coursera
- Programming in C++: A Hands-on Introduction Specialization – Coursera
- R Programming – Coursera
- HTML, CSS Basics – HackerRank
- Python, Data Science & Machine Learning – CipherSchools

Achievements

- **Certificate of Community Development (Red Cross Society, Hyderabad)**

Acknowledged for dedicated efforts in community development and service through active involvement in Food Distribution, community awareness programs such as emergency services.

Education

Lovely Professional University

B. Tech in Computer Science and Engineering | CGPA: 7.30 | August 2022 - Present | Punjab, India

Sri Chaitanya College

Intermediate (12th Grade) | Percentage: 95% | April 2020 - March 2022 | Hyderabad, India

Siddhartha High School

Matriculation (10th Grade) | Percentage: 100% | April 2019 - March 2020 | Karimnagar, India