S Pujith Reddy

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SKILLS

Languages: Python, C, C++, Java
Web Technologies: HTML, CSS, JavaScript
Database: RDBMS, SQL
Operating Systems: Linux, Windows
Tools/Platforms: Git, GitHub, Power BI, Excel, VS Code, Jupyter, IDLE, MySQL
Data Analytics & AI: Predictive Analytics, Machine Learning, Prompt Engineering, LLMs
Areas of Interest: Data Structures and Algorithms, Computer Networks, Operating System
Soft Skills: Adaptability, Problem Solving, Analytical Thinking, Team Player

PROJECTS

Election Data visualization — January 2025-April 2025

- Analyzed 10,000+ election voting records to identify turnout trends and voter behavior, applying structured data exploration and pattern discovery techniques
- Developed a data visualization workflow using Python (Pandas, NumPy) and Matplotlib/Seaborn, implementing **5+** data cleaning and transformation steps to enhance dataset usability and visual accuracy.
- Designed a data analysis tool to visualize and interpret election datasets, enabling insights into voting patterns and trends.

Tech Used: Python, Seaborn, IDLE

Indian Rainfall Trend Analysis (1901–2015) — January 2025-April 2025

- Studied Rainfall patterns in India from 1901–2015 to understand seasonal and regional variations.
- Processed 115 years of data using Excel pivot tables, calculating mean, standard deviation, and seasonal aggregates; designed dashboards for trend visualization.
- Developed dashboards for visual storytelling of data insights, aiding in better climate understanding and regional planning

Tech Used: Excel, Data Analytics

CPU Scheduler Simulator — August 2024-December 2024

- Created simulator to model various CPU scheduling algorithms, including First-Come-First Serve (FCFS), Shortest Job First (SJF), and Round Robin.
- Applied front-end web technologies to build an interactive interface for real-time CPU scheduling simulation and comparison
- Improved understanding of CPU scheduling efficiencies and trade-offs by **40%** through interactive comparison and visualization of algorithms.

Tech Used: HTML, CSS, JavaScript

SUMMER TRAINING

From Data to Decisions: A Hands-On Approach to Data Science |LPU | June 2025-July 2025

- Learned foundational to advanced concepts in Python, Excel analytics, SQL querying, Power BI reporting, and Machine Learning through hands-on modules and guided practice sessions
- Developed data preprocessing workflows, SQL queries, Excel statistical models, and Power BI dashboards, and applied ML techniques to real datasets, improving analytical accuracy and insight generation by **30%**

CERTIFICATES | CERTIFICATIONS

- Build Generative AI Tools with No Code | Infosys SpringBoard — September 2025
- ChatGpt-4 Prompt Engineering | Infosys SpringBoard — August 2025
- Cloud Computing | NPTEL — May 2025

EXTRACURCULAR ACTIVITES

- Contributed As Member At Coding Blocks Student Club| LPU
- Participated in Inter-University Hackathon| Code-A-Haunt

EDUCATION

Lovely Professional University — Phagwara, Punjab
Bachelors of Technology - Computer Science and Engineering: CGPA: 6.2 — August 2023 - Present

Mangal Vidayalayam — Chittoor, Andhra Pradesh
Class 11-12; Percentage: 80% — April 2022 - March 2023

Mangal Vidyalayam — Chittoor, Andhra Pradesh
CBSE; Percentage: 74% — April 2020 - March 2021