Deevankumar Gaddala

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Education

TSWRCOE — Wardhannapet, Telangana
PCM Telangana State Board — June 2020 - March 2022

Flame University — Pune, Maharasta
Computer Science Bachelors of Science — August 2022 - Present

Experience

Mission India | Community Developement — Warangal, India | May 2023 - July 2023
Noel Foundation | Web Development — Chennai, India | May 2024 - July 2024
Regrob | Photography — Bengaluru, India | July 2024 - August 2024

Skills

Programming Languages:	Python, C, C++, HTML, CSS
Tools / Platforms:	Git, VS Code, Tableau, PowerBi, Microsoft 365, AI Tools, Premiere Pro, Photoshop, Figma, Unity, Blender, WordPress
Databases:	SQL

Projects / Open-Source

File Copying and Error handling | Link *, Bash, File Handling, Error Handling*
This project consists of a C program (my_copy.c) for copying files and a Bash script (error.sh) for handling errors. The C program copies a file from a source to a destination and returns error codes, while the Bash script interprets these codes and displays user-friendly messages.

Interprocess Pipline | Link *C, Interprocess Communication, Pipes, Process Management*
A C program that establishes a pipeline between a generator process and a consumer process. It utilizes pipes to connect the output of the generator to the input of the consumer, facilitating interprocess communication.

Bulk File System Operations | Link *C, File Handling, Error Handling, Log File Management, GCC Compiler*
A C-based command-line tool for managing files and directories. It supports creating, deleting, renaming files/directories, and appending text or even numbers to files. Logs operations and handles errors effectively.

Flash(Flame Shell) Shell | Link *C, , Unix/Linux Shell Programming, Process Management, Environment Variables*
Flash Shell is a custom Unix/Linux shell implemented in C, offering fundamental shell functionalities. It supports executing commands, managing environment variables, handling input/output redirection, and chaining commands using pipes. The shell operates in a Read-Eval-Print-Loop (REPL) mode, continuously processing user inputs until the exit command is issued.

Churn Prediction | Link *Python, Machine Learning, Regression Analysis, Data Preprocessing*
This project employs regression analysis to predict customer churn. It encompasses data cleaning, preprocessing, and modeling to identify factors influencing customer retention.

Loan Approval and Car Price Prediction (Clustering) | Link *Python, Machine Learning, Regression Analysis, Data Preprocessing*
This project employs machine learning techniques to predict loan approval outcomes and estimate car prices based on various features. It involves data cleaning, preprocessing, and modeling to assist financial institutions and car dealerships in decision-making processes.

Loan Approval Prediction (Classification) | Link *Python, Machine Learning, Classification Algorithms, Data Preprocessing*

This project utilizes supervised learning techniques to predict the approval status of loan applications based on applicants' financial and personal attributes. By applying classification models, it aims to assist financial institutions in automating the loan approval process and effectively assessing associated risks.

Car Price Prediction using Machine Learning (Regression) | Link *Python, Machine Learning, Regression Analysis, Data Preprocessing*

This project leverages machine learning regression techniques to predict the prices of used cars based on various attributes such as brand, model, year, mileage, and fuel type. By analyzing historical car sales data, the model assists both buyers and sellers in making informed pricing decisions.

Google Play Store App Analysis Dashboard | Link *Power BI, Sentiment Analysis, Kaggle Datasets*

This project provides app developers and entrepreneurs with data-driven insights to help assess the potential success of their apps on the Google Play Store. By analyzing app categories, user sentiment, and revenue potential, the dashboard offers valuable visualizations and key performance indicators (KPIs) to guide informed decision-making.

Acrophobia (fear of Heights) | Link *Unity*

Developing a VR-based Unity project aimed at helping individuals overcome acrophobia (fear of heights). The project features five progressively challenging levels, using immersive virtual environments to gradually expose users to height-related scenarios, providing a controlled, therapeutic experience for anxiety reduction.

Youtube | Link *Premiere Pro, Wondershare Filmora, After Effects*

YouTube channel featuring creative short videos that captivate and entertain viewers. Focused on delivering visually engaging content, the channel has gained a growing audience.

YouTube Trending Analysis Using DSA | Link *C++, Vectors, Sorting Algorithms, File Handling*

YouTube Trending Analysis Using DSA: Developed a C++ application leveraging data structures and algorithms to analyze YouTube's trending videos, implementing functionalities like categorization, ranking, and stratification to extract meaningful insights.

Software Eesale Startup Fictional | Link *Javascript, CSS, HTML*

Developed a modern, responsive single-page marketing website for a fictional software resale startup using React.js, Vite, and Tailwind CSS. The project showcases proficiency in frontend development, UI/UX design, and responsive web design principles. Implemented modular components, form validation, and optimized performance to create a user-friendly experience. This project demonstrates the ability to build scalable and maintainable web applications.

Certifications

- HTML Essential Training - **Linkedin Learning**
- Introduction to Web Design and Development - **Linkedin Learning**
- Figma Essential Training - **Linkedin Learning**
- Learning Photoshop - **Linkedin Learning**
- Improve Your Teamwork Skills - **Linkedin Learning**
- Get Ahead Finding a Job After College - **Linkedin Learning**
- Building AI Literacy - **Linkedin Learning**
- Adobe Premiere Pro 2025 - **Adobe, Linkedin Learning**
- Software Development by Microsoft and LinkedIn - **Microsoft, Linkedin Learning**