

Pranay Javvaji

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SKILLS

- **Languages:** Java, C++, Python
- **Tools/Libraries:** NumPy, Pandas, Scikit-Learn, Docker, Git
- **Platforms:** Git-Hub, IntelliJ IDEA, Visual Studio Code
- **Soft Skills:** Problem Solving, Curiosity & Continuous Learning, Collaboration, Adaptability

EXPERIENCE

- **Software Development – Prodigy InfoTech** Mar 2025 – Apr 2025
 - Developed 4 Java console apps, including a Contact Manager, demonstrating strong OOP skills and real-world application.
 - Implemented features such as CRUD operations, input validation, data management and file handling techniques.
 - Applied key programming concepts including polymorphism, abstraction, and exception handling across various projects.
 - Applied clean code practices with reusable classes, modular design, and clear documentation across all projects.
 - Consistently delivered tasks on time and resolved bugs efficiently demonstrating strong ownership.

PROJECTS

- **Next Word Prediction – Using RNN and Word Embeddings:** Sep 2024 - Nov 2024
 - Built a predictive text model using **RNNs** and Word Embeddings for next-word prediction.
 - Preprocessed large text data with **tokenization**, **stop word removal**, and word embedding-based vectorization.
 - Built and trained an RNN-based model using TensorFlow and Keras, optimizing it for sequential text prediction.
 - Evaluated model performance using **accuracy metrics** and fine-tuned hyperparameters for better results.
 - **Tech:** RNN, Tensor Flow, Keras, Scikit-Learn, NumPy, Python.
- **House Price Prediction – Regression models : [Accuracy – 99.77 %]** Jun 2024 – Jul 2024
 - Developed a House Price Prediction model using machine learning algorithms to estimate property prices.
 - Collected and **preprocessed** real estate data, **handling missing values**, feature scaling, and outlier detection.
 - Implemented **regression models** (e.g., Linear regression, Decision Tree) using Python, Scikit-Learn, and Pandas.
 - Evaluated model performance using **R² score**, **Mean Squared Error (MSE)**, and cross-validation techniques.
 - **Tech:** Python, Scikit-learn, NumPy, Matplotlib, Seaborn, Pandas
- **Student Attendance Calculator :** Feb 2023 – Apr 2023
 - Developed a **C-based Attendance Calculator** to help students track and manage attendance requirements effectively.
 - Implemented **core logic** to compute the minimum number of classes to attend or maximum that can be missed based on target percentage.
 - Handled **user input validation** and edge cases to ensure accurate, **real-time calculations** across various attendance scenarios.
 - Published and maintained the project on GitHub with clean, modular code and usage documentation for easy access and collaboration.
 - **Tech:** C language, File handling, Dev-C++

CERTIFICATES

- Software Development – Prodigy InfoTech. [Link](#) Mar 2025 – Apr 2025
- Software Engineer(1 hr.) – HackerRank [Link](#) Sep 2024
- Advanced Python for ML & AI(45 hrs) – CSE Pathshala [Link](#) Jun 2024 – Jul 2024
- Programming in C++ (4 hrs) – Coursera [Link](#) Feb 2024
- Python (Basic) (1 hrs 30 min) - HackerRank [Link](#) Dec 2022

ACHIEVEMENTS

- **Letter of Recommendation Prodigy InfoTech**
- **LeetCode - 50 Days Badge**

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA-7.79 Since Aug -2022
- **Telangana State Residential Junior College** Metpally, Telangana
Intermediate; Percentage-95.5% Jun 2020 – May 2022
- **Kerala High School** Korutla, Telangana
Matriculation; CGPA-10 Jun 2019 – Mar 2020