Punati Vishnu Varun

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LeetCode | HackerRank | CodeChef

Technologies And Technical Skills

Programming Languages: C, Python, Java, Dart.
Frontend Technologies: HTML, CSS, JavaScript.
Frameworks and Libraries: Flutter.
Backend Technologies: Firebase.
Database: SQL.
Version Control & Deployment: Git & GitHub.

Projects

AI and ML driven Application

- **Description:** Developed an AI/ML application to convert handwritten text into digital format, auto-correct spelling, translate content, and summarize notes, using handwritten inputs to enhance ML model accuracy.
- **Tech Stack :** Python, TensorFlow, OpenCV, Natural Language Processing (NLP), REST API.

Photo Fetcher App   Link

- **Description:** Developed a Flutter-based application to fetch user photos from a college website using roll numbers. Implemented asynchronous data fetching with robust error handling for invalid inputs, ensuring a smooth user experience.
- **Built With :** Flutter, Dart, REST API.

Online Notes App   Link

- **Description:** Developed an online notes application using Flutter and Firebase, allowing users to create, store, and manage notes with real-time synchronization across devices using Firebase.
- **Built With :** Flutter, Dart, Firebase.

Experience

Front-End Developer Intern, Technical Hub – Surampalem, Kakinada, Technical Hub – Surampalem, Kakinada   Jun 2024 – Jul 2024

- Developed responsive front-end features and enhanced web application functionality to improve user experiences.
- Utilized HTML, CSS, and JavaScript to enhance the visual appeal and functionality of user-facing webpages.

Achievements

- **Smart India Hackathon 2024:** Developed an AI/ML-driven software to convert handwritten input into computerized text, earning selection as a Grand Finalist in the national-level competition.
- **AIDEATHON 2025:** Participated as a Grand Finalist in AIDEATHON 2025, showcasing an innovative AI/ML-driven solution for enhancing handwritten text processing, translation, summarization, and visualization.

Education

Aditya College of Engineering, B.Tech in Computer Science and Engineering.   Sep 2022 – Present
GPA : 7.74/10.0

Sri Chaitanya Junior College, Math Physics Chemistry.   Jun 2020 – Apr 2022
GPA : 7.93/10.0

Key Strengths

Strength Highlights
Analytical Thinking, Adaptability, Collaboration and Teamwork.