Prasheel Varma Datla

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EDUCATION

B.Tech in Computer Science and Engineering (AI & ML)	*Will graduate: 2027*
Malla Reddy College of Engineering (MRCE), Hyderabad	*Affiliated to JNTUH*
Intermediate (Maths, Physics, Chemistry)	*2023*
Aditya Junior College, Amalapuram, AP	*Graduated with 74%*
Secondary Education (SSC)	*2021*
Sri Sai School, Muramalla, AP	*Graduated with 97%*

TECHNICAL SKILLS

Programming Languages: C, Java, Python, Flutter (Dart), Data Structures
Web Technologies: HTML, CSS, JavaScript
Databases: Oracle SQL
Operating Systems: Linux, Windows, Android
Core Domains: Machine Learning, Artificial Intelligence, Data Science

PROJECTS

Crop Recommendation – AI Based Application
Tech Stack: Flutter (Dart), Python (Flask), Kaggle, Machine Learning (Random Forest)
- Developed an application to assist farmers in selecting optimal crops based on soil and climate inputs.
- Built the front-end using Flutter and the back-end using Python with Flask.
- Trained a Random Forest Classification model on Kaggle datasets to ensure high accuracy.

Time_and_Tide – Customizable Application
Tech Stack: Flutter (Dart), Windows Dev Tools, Android SDK/NDK
- Created a fully customizable digital clock application with dynamic visual effects.
- Integrated cross-platform capabilities to run smoothly on both Windows and Android environments.

Praxis – Interactive Learning App
Tech Stack: Flutter (Dart), Algorithms (DSA/DAA)
- Designed an interactive educational tool to visualize DSA and DAA algorithms.
- Implemented playable simulations that allow users to experiment with algorithm inputs in real-time.

Neon Runner – Flutter Game
Tech Stack: Flutter
- Developed a performance-optimized 2D game to highlight the powerful rendering capabilities of Flutter.
- Focused on fluid animations and responsive design principles for mobile gaming.

CERTIFICATIONS

- **Cambridge English Empowerment (B2 Level)** – Cambridge University Press
- **Python for Data Science & Machine Learning** – Infosys Springboard
  Completed coursework in Python fundamentals, Data Science, ML, and Web Development (HTML/CSS).
- **TCS iON Career Edge - Young Professional** – TCS iON
  Comprehensive course covering professional soft skills, email etiquette, and corporate communication.

CO-CURRICULAR ACTIVITIES

- **Webinar Series:** Attended series on Startups and Entrepreneurship.
- **Youth Empowerment:** Completed the Art of Living Youth Empowerment and Skills (YES!+) program.
- **Technical Events:** Active participant in multiple college-level technical events and hackathons.