

POLOJU DURGA PRASAD CHARY

Machine Learning Intern

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Hyderabad https://github.com/DurgaPrasad-2007

SUMMARY

AI-Driven Full-Stack Developer & Machine Learning Innovator

A results-oriented Machine Learning Intern with hands-on experience in **AI/ML integration**, **full-stack development**, and deploying scalable solutions. Proficient in **Python**, **Java**, and **C/C++**, with expertise in building tools like an **animal classification model**, **mobile price predictor**, and a **collaborative filtering-based recommendation engine** that boosted course enrollment by 25%. Developed **Diploma Learn**, an AI-powered e-learning platform featuring chatbots, code playgrounds, and real-time analytics, enhancing user engagement by 30%. Certified in **Full-Stack Web Development** and **Software Testing**, with a knack for blending modern frameworks (HTML/CSS, JavaScript) with AI-driven features. Awarded **1st Place in Technical Model-Making and Public Speaking**, showcasing strong problem-solving, creativity, and communication skills. Passionate about leveraging **generative AI** and **predictive analytics** to solve real-world challenges, while exploring trends like ethical AI and edge computing.

EXPERIENCE

Machine Learning Intern

Unified Mentor

04/2025

Internship focusing on machine learning applications

- Developed an Accurate Animal Classification Application which can differentiate between animals, birds.
- Developed a Mobile Phone Pricing Application which predicts the future price of a particular device
- Engineered a recommendation engine using collaborative filtering techniques that increased student course enrollment by 25% on the ed-tech platform

EDUCATION

Diploma

T. R. R College of Technology

06/2023 - 06/2026 Meerpet, Hyderabad

10th Grade

Karthikeya Concept School

06/2013 - 06/2023

CERTIFICATION

Software Testing

Certification in Software Testing from Besant Technologies

The Ultimate 2025 Fullstack Web Development Bootcamp

Completed the Ultimate 2025 Fullstack Web Development Bootcamp

AWARDS



1st Place – Public Speaking Competition TRR College of Technology | 2024 Secured top honors in a competitive public speaking event, demonstrating exceptional communication, persuasive storytelling, and critical thinking skills.



1st Place – Model Making Competition TRR College of Technology | 2023 Won top honors in a college-wide technical model-making competition, showcasing innovation and hands-on engineering skills.

KEY ACHIEVEMENTS



Diploma Learn Project

Developed the Diploma Learn e-learning platform which incorporates unique features like AI chatbot and code playground



Boosted Enrollment

Increased student enrollment by 25% through recommendation engine.



Accurate Classification

Improved application accuracy by differentiating animal and bird classes.



Mobile Price Predictor

Predicted mobile prices accurately for future trends.



Enhanced User Tracking

Integrated platform with real-time tracking increasing user engagement by 30%.

LANGUAGES

Telugu

Native

Hindi

Native

English

Native

SKILLS

C/C++	CSS	E-Learning	HTML
Java	JavaScript	Python	Gmail

PROJECTS

Diploma Learn

03/2025 - 04/2025

An interactive e-learning platform designed to provide a seamless learning experience

- Developed an interactive e-learning platform integrating AI chatbots, code playgrounds, and video courses
- Integrated a dynamic analytics dashboard enabling real-time tracking of user progress
- Enhanced user interface improving navigation and accessibility