Nishad Dere

aspiring AI ML Engineer

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"I'm an Electronics and Communication Engineering (AI - ML)student passionate about AI, ML, and robotics. I've built a working rover and competed in hackathons like SIH and Hack MIT , excelling in problem-solving and innovation. With skills in embedded systems and automation, I aim to develop intelligent solutions for real-world challenges."

EDUCATION

Secondary Education
World Peace School

06/2020 - 06/2021

Higher Secondary
Fergusson College

06/2021 - 06/2023

Undergraduate Education
World Peace University

06/2023 - Present

PERSONAL PROJECTS

Temperature Monitoring System
- Developed a **temperature regulation system** using an LM35 sensor to prevent damage due to fluctuations in refrigerators.
- Designed an alert mechanism to notify users of unsafe temperature variations.
- Secured **3rd place** in the **BEEE Project Exhibition.**

Emergency Response Rover
- Built a **rover for hazardous environments** to collect real-time data where human access is risky.
- Designed for emergency applications, disaster zones, and industrial safety monitoring.

Credit Card Default Prediction (Hackathon Project)
- Developed a **machine learning model** to predict future credit card defaulters.
- Utilized **classification algorithms** and data preprocessing techniques for accurate predictions.

SKILLS

Machine Learning & AI – Basic understanding of ML models, data processing

Embedded Systems & IoT – Experience with microcontrollers (8051), sensor integration

Problem-Solving & Critical Thinking – Hackathons and project-based innovation

Teamwork & Collaboration – Working in hackathons and project teams

Programming – Python, C/C++, Arduino

ORGANIZATIONS

Prismlabs (03/2025 - Present)

CERTIFICATES

BEEE Project Exhibition (2023)
Secured 3rd place.

Circuit Heist (2025)
Runner ups

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Marathi
Full Professional Proficiency

INTERESTS

Volleyball   Singing   Chess