

# Palli Dharani

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## ABOUT ME

I am a Computer Science Engineering undergraduate at Vishnu Institute of Technology with a strong interest in Data Structures, Machine Learning, and Web Development. I enjoy building practical projects and continuously improving my problem-solving and technical skills. I am self-motivated, quick to learn, and eager to apply my knowledge to real-world applications.

## EXPERIENCE

### SmartBridge

June 2025

- Completed hands-on training in Machine Learning concepts using Python.
- Worked with ML algorithms including Linear Regression, Classification, and Clustering.
- Gained practical exposure to real-world problem-solving and project workflows.

### Springboard

June 2024

- Completed structured training in Java programming.
- Implemented OOP principles such as inheritance, polymorphism, abstraction, and encapsulation.

## PROJECTS

### Crop Yield Prediction System | *Python, Flask, React, TypeScript, Tailwind CSS*

June 2025

- Developed a crop yield prediction system using XGBoost for accurate forecasting.
- Performed data preprocessing, feature engineering, and model optimization.
- Integrated ML predictions into the frontend for real-time results.

### E-Commerce Website | *HTML, CSS, PHP, MySQL, XAMPP*

Dec 2025

- Designed and developed a dynamic e-commerce web application using HTML, CSS, and PHP.
- Implemented user authentication, product listings, and cart functionality.
- Ensured responsive design and secure data handling.

### Contractor-Labour-User Management App | *React Native, JavaScript, Expo, REST APIs, PHP, MySQL*

June 2024

- Developed a cross-platform mobile application using React Native to connect contractors, labourers, and users.
- Implemented role-based user registration and authentication.
- Enabled users to search, view, and contact contractors and labourers.
- Integrated backend services using PHP and MySQL (XAMPP).
- Focused on responsive mobile UI, usability, and secure data handling.

## EDUCATION

### Vishnu Institute of Technology

CGPA: 8.9

*Bachelor of Technology in Computer Science and Engineering*

*Sep 2023 – May 2027*

### Gayatri Junior College

Percentage: 98%

*MPC (Mathematics, Physics, Chemistry)*

*Oct 2021 – May 2023*

### Narayana Group of Schools

Percentage: 99%

*Secondary School Education (SSC)*

*2021*

## TECHNICAL SKILLS

**Languages:** Java, C, HTML, CSS

**Core Concepts:** Data Structures, OOP

**Frameworks:** React Native, Node.js, Flask, WordPress

**Libraries:** Pandas, NumPy, Matplotlib

**Developer Tools:** Git