

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

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| SmartBridge | June 2025 |
| <ul style="list-style-type: none">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 |
| <ul style="list-style-type: none">Completed structured training in Java programming.Implemented OOP principles such as inheritance, polymorphism, abstraction, and encapsulation. | |

PROJECTS

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| Crop Yield Prediction System <i>Python, Flask, React, TypeScript, Tailwind CSS</i> | June 2025 |
| <ul style="list-style-type: none">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 <i>HTML, CSS, PHP, MySQL, XAMPP</i> | Dec 2025 |
| <ul style="list-style-type: none">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 <i>React Native, JavaScript, Expo, REST APIs, PHP, MySQL</i> | June 2024 |
| <ul style="list-style-type: none">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

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| Vishnu Institute of Technology | CGPA: 8.9 |
| <i>Bachelor of Technology in Computer Science and Engineering</i> | <i>Sep 2023 – May 2027</i> |
| Gayatri Junior College | Percentage: 98% |
| <i>MPC (Mathematics, Physics, Chemistry)</i> | <i>Oct 2021 – May 2023</i> |
| Narayana Group of Schools | Percentage: 99% |
| <i>Secondary School Education (SSC)</i> | <i>2021</i> |

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