Nava Durga Meda

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Skills

Programming Language: Python,Java
Java Technologies: Core Java, JDBC, Servlets, JSP, Multithreading, Collections
Web Technologies: HTML, CSS, JavaScript, Node.js,Express.js,TypeScript
OOPS Concepts: Encapsulation, Abstraction, Inheritance, Polymorphism
Database Management: SQL,MySQL
Data Structures and algorithms
Data Analysis: Numpy,LookerStudio

Projects

ArtiLink – B2B Handloom Connectivity Platform ↗   Jan 2025
React, MySQL, JWT,Type-Script

– Built a B2B platform connecting handloom weavers with businesses, enabling product listings, order management, and direct buyer–seller communication.
– Optimized REST APIs and MySQL queries, reducing average response time by **30%** and improving platform scalability.

FarmVoice – Pincode-Based Crop Recommendation System ↗   Jan 2025 – Present
React, TypeScript,Python, MySQL

– Designed a multilingual, voice-enabled application delivering crop recommendations using pincode-level agricultural data.

PortFolio – ↗
React, TypeScript,CSS

– Modern, responsive portfolio website built with React and Tailwind CSS featuring smooth animations and dark mode support.

AI Assistant – multilingual Support ↗

– Built an AI-powered chatbot capable of understanding and responding in both English and Telugu.

– If the user types in Telugu, the system automatically detects the language and generates contextual Telugu responses.

– Demonstrated strong application of AI communication logic, language detection, and response generation.

PreSmart – Academic Performance Insight Dashboard   2024
Python, Data Analysis

– Analyzed academic performance data of **100+ students** using Python to identify trends and improvement areas.
– Generated analytical reports that supported department-level academic planning and decision-making.

Internship

Python Intern – Walys Life Skills   Mar 2025 – May 2025
Remote

– Worked on Python scripting, data handling, and backend fundamentals as part of a structured remote internship.
– Automated repetitive data-processing workflows, reducing manual effort by approximately **20%**.

Junior Backend Developer – BizPlus4U   May 2025 – Jun 2025
Onsite

– Implemented and maintained **10+ RESTful APIs** using Node.js and Express.js to support LMS core features.
– Designed and optimized MySQL schemas, improving query performance and backend reliability.

Achievements

- **IDE Bootcamp Participant** — Completed a one-week intensive program at **GLA University**, Mathura, focused on industry-ready software development practices.
- **Elite Badge Winner** — NPTEL Certification (Top-performing candidate)

Education

Narasaraopeta Engineering College   Jun 2020 – May 2022
Bachelor of Technology, CGPA: 8.8   *Narasaraopeta, India*

Royal Junior College   Oct 2022 – May 2026
Intermediate (MPC), CGPA: 9.4   *Martur, India*