

# NAVA DURGA MEDA

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## SKILLS

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**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, Looker Studio

## PROJECTS

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### 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 – Bilingual Chatbot (English & Telugu) ↗

- 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

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### 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

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- **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

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**Narasaraopeta Engineering College**  
*Bachelor of Technology, CGPA: 8.8*

**Jun 2020 – May 2022**  
*Narasaraopeta, India*

**Royal Junior College**  
*Intermediate (MPC), CGPA: 9.4*

**Oct 2022 – May 2026**  
*Martur, India*