

# SRUTHIBAI BEDRE

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## EDUCATION

### Ravindra College of Engineering for Women

Bachelor of Technology; CGPA: 9.0/10.0

2022 – 2026 (Expected)

Kurnool, Andhra Pradesh

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, C, JavaScript, HTML/CSS, SQL

**Frontend Technologies:** React.js, Next.js, HTML5, CSS3

**Backend Technologies:** Node.js, Flask, Java Servlets, REST APIs

**Databases:** PostgreSQL, MongoDB, SQL

**AI/ML:** LLMs (Gemma-2B, Qwen-7B, Mistral-7B), Machine Learning, Data Science

**Tools & Platforms:** Git, GitHub, VS Code, Agile Methodologies

**Design & Soft Skills:** UI/UX Design, Problem-solving, Leadership, Communication, Collaboration

## EXPERIENCE

### ProSprint Technologies Private Limited

Sep 2023 – Nov 2023

Hyderabad (Remote)

Associate Developer Intern

- Designed and developed full-stack web applications using **React.js** and **Node.js** with a focus on scalable, maintainable architecture.
- Optimized backend queries and **RESTful APIs**, refining frontend components to improve overall system performance.
- Achieved **25% performance improvement, 20% increase in user engagement, and 30% enhancement in workflow efficiency** through responsive UI design and performance-driven optimizations.
- Collaborated in an **Agile development environment** to deliver reliable, business-focused solutions with clean code practices.

## PROJECTS

### Hospital Management System | HTML, CSS, JavaScript, React.js

[GitHub](#)

- Developed a responsive hospital management system for patient records, appointment scheduling, and operational analytics.
- Implemented real-time data visualization and optimized UI/UX for cross-device compatibility.
- Improved task efficiency by **25%** and increased user satisfaction by **30%** through performance optimization and user-centric design.

### E-Mart E-commerce Website | HTML, CSS, React.js, Java, PostgreSQL, Servlets

[GitHub](#)

- Built a full-stack e-commerce web application with secure user authentication, product listings, cart, favorites, and order management.
- Designed and optimized a relational database schema using **PostgreSQL** and implemented REST-based backend services.
- Developed reusable React components to enhance scalability, maintainability, and application performance.

### LLM-Based Multilingual Translation System | Python, Flask, Gemma-2B, Qwen-7B, Mistral-7B, React.js

[GitHub](#)

- Developed an LLM-based audio translation system to convert spoken English into Hindi and Telugu.
- Fine-tuned transformer-based language models (Gemma-2B, Qwen-7B, Mistral-7B) using parallel corpora for real-time, context-aware translations.
- Enabled multilingual communication in education and cross-cultural applications by reducing language barriers.

## ACHIEVEMENTS

Ranked in the **Top 8.7% on LeetCode**, solving **950+** problems with contest rating 1785; also achieved **3** (Div 2) on CodeChef and Institution Rank **19** on GeeksforGeeks.

Participated in **30+ coding contests** across major platforms including LeetCode, CodeChef, and GFG, consistently improving problem-solving and algorithmic skills.

Secured **Second Place** in Codethon and qualified for **Round 2** in college coding GD challenge events.