

RAMANABOINA PRATHUSHA

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OBJECTIVE

Highly motivated 3rd year Computer Science (AI&ML) student with strong programming, Data Structures, and Algorithms skills, eager to contribute to innovative projects and learn from industry leaders through an internship opportunity.

EDUCATION

B. Tech in CSE(AI&ML) , Vignan's Institute of Management and Technology for Women	2022 - 2026
CGPA: 7.95/10 (up to 3-1)	TS, India
Intermediate (MPC) , Narayana Junior College	2020 - 2022
Percentage: 87%	TS, India
High School (SSC) , Gopi Memorial High School	2020
Percentage: 98%	TS, India

SKILLS

Programming Languages	C, Java, HTML, CSS
Developer Tools	Git hub, Google Colab, VS Code
Academic Coursework	Data Structures and Algorithms, OOP, CN, Software Engineering
Certifications	Generative AI (Microsoft) AWS Cloud Practitioner Essentials (AWS) Data Science, DL, SE and Agile development (Infosys Springboard) Artificial Intelligence (IBM)

EXPERIENCE

- Built a “Calculator” using HTML, CSS, and JavaScript that could perform basic arithmetic operations.
- Designed a prototype “e-commerce website” specifically for women’s products, which included product listings, a simulated shopping cart, and a layout that adapted to mobile screens. ([Project Link](#))
- Applied DOM manipulation, event handling, and CSS styling while practicing frontend workflows, debugging, and template customization to enhance interactivity and meet functional requirements.

PROJECT

Smart Water Quality Monitoring Bottle: Designed a portable bottle with sensors to measure TDS, pH, and temperature in real time, providing instant feedback to ensure water safety, especially in remote areas. *Published research paper on this project in the IJITCE journal, June 2025.* ([Paper Link](#))

Social Cop Mobile Application: Developed a mobile app enabling real-time communication between citizens, community helpers, and police, with features such as incident reporting and SOS alerts for emergency situations.

Chatbot Development: Chatbot development with IBM Watson involves creating AI-powered bots that simulate conversation, offering support, answering questions, and assisting with tasks.

PERSONAL DETAILS

Nationality: India

📍 Hyderabad, Telangana