

Bontha Vennela

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Career Objective

Aspiring software developer with a strong foundation in machine learning, deep learning, MERN stack, and programming languages like Python, Java, and C. Passionate about building innovative solutions, practical web applications. Seeking opportunities to leverage my technical expertise to solve real-world problems and contribute to impactful projects in a collaborative environment.

Education

- Vignan's Institute of Management and Technology for Women**, B.Tech in AIML Nov 2021 – Aug 2025
- GPA: 8.24/10.0
 - **Coursework:** Artificial Intelligence ,Machine Learning , Deep Learning , NLP ,Data Structures and Algorithms
- Rise Junior College**, Intermediate in MPC Jun 2019 – Mar 2021
- GPA: 936/1000
 - **Coursework:**Mathematics, Physics, Chemistry
- Zilla Parishad High School** Jun 2018 – Apr 2019
- GPA: 9.3/10.0
 - **Coursework:** Science, Mathematics ,English

Internship

- AI : Transformative Learning** ,Edunet Foundation Nov 2024 – Jan 2025
- Developed an automated attendance system using Python, OpenCV, and CNN, achieving high accuracy in face detection and recognition.
 - Built a user-friendly interface with Tkinter and utilized Pillow for image processing to enhance usability.
 - Streamlined attendance tracking by integrating a database for real-time storage and retrieval of records, reducing manual effort by 80

Projects

- Airbnb Clone Website** [Airbnb](#)
- Developed a full-stack Airbnb clone using the MERN stack to simulate a real-world booking platform.
 - Implemented key features like user authentication, property listings, booking functionality, and real-time search filters.
 - Designed a responsive and interactive user interface, ensuring seamless user experience across devices.
 - Tools Used:MongoDB, Express.js, React.js, Node.js
- Weather Forecasting Application** [WeatherForecasting](#)
- Built a weather forecasting app , offering real-time weather data like temperature, humidity, and conditions.
 - Integrated APIs for live weather updates and implemented MySQL for data storage with basic user authentication for security.
 - Tools Used:Java, Spring Boot, JavaFX,Open WeatherMap API

Technologies

Languages: C, Java, Python

Web Development: MERN Stack (MongoDB, Express.js, React.js, Node.js), HTML, CSS, JavaScript

Tools And Platforms: Git,GitHub ,Vs code ,Ms office

Achievements

- Successfully completed an internship on AI: Transformative Learning with TechSaksham, a joint CSR initiative by Microsoft and SAP, implemented by Edunet Foundation.
- Earned MERN Stack Development Certification from Apna College, showcasing expertise in full-stack web development.
- Solved 150+ problems on LeetCode, demonstrating strong problem-solving and algorithmic skills.