

HEENA BEGUM

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OBJECTIVE

I am looking to work in a challenging and growth-oriented environment where I can apply my technical skills to build impactful software solutions. A B.Tech IT graduate (2025) with a strong foundation in Java, Python, and DSA. Experienced in MERN stack development and machine learning, with projects like SmartChef – AI Recipe Recommender and Deepfake Detection System. Certified in Java (NPTEL), Web Development (Coursera), and AI/ML (AICTE). Strong in problem-solving, teamwork, and quick learning.

SKILLS

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| ➤ Programming languages | Java,C,Python |
| ➤ Web Technologies | HTML,CSS,Javascript,React.js |
| ➤ Database Management | MySql,MongoDB |
| ➤ APIs&Tools | Git,VS Code,Jupiter NoteBook,Eclipse |
| ➤ Frameworks | Node.js,Express.js |
| ➤ Core skills | Data Structure & Algorithms,Object-Oriented Programming |
| ➤ Soft Skills | Problem-solving,Quick Learner,Team Work,Time Management |

EDUCATION

Sreenidhi Institute of Science and Technology B.Tech - Information Technology - CGPA - 8.41	2021-2025 Hyderabad,India
Narayana junior College Intermediate (MPC) Scored - 97%	2019-2021 Hyderabad,India
St Sai Grammar High School SSC Scored - 88%	2014-2019 Hyd,India

INTERSHIPS & CERTIFICATIONS

- AICTE Virtual Internship - AI/ML (2024): Applied supervised learning on real-world datasets using Python and scikit-learn.
- Certificate in **HTML & CSS&JAVASCRIPT** from Coursera (Johns Hopkins University, 2023) - Learned Responsive Web Design.
- Certificate in **java** from NPTEL(IIT Kharagpur,2023) - Acquired Object-Oriented Programming expertise.

PROJECTS

Deepfake Image Detection System Developed an ML-based deepfake detection pipeline using ResNet50, Decision Tree, and Logistic Regression. Performed data preprocessing, augmentation, and model evaluation using accuracy and F1-score. Achieved a performance boost of ~10% after fine-tuning and feature selection techniques. Tools used: Python, Scikit-learn, Keras, Jupyter.	Dec-2024
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SmartChef – AI Recipe Recommender

July-2025

Designed and developed a complete full-stack web application using the MERN stack to recommend recipes based on user-input ingredients via the Spoonacular API. The frontend features a responsive interface built with React.js, React Hooks, and conditional rendering to display recipes with filters like cuisine, diet, and cooking time. The backend, built using Node.js and Express.js, handles API integration, manages favorite recipes using MongoDB, and is structured to support future user authentication and custom recipe features.

Tic-tac-toe Game using Mini-max Algorithm

Feb-2024

Developed a two-player Tic-Tac-Toe game using the Minimax algorithm for optimal move calculation and competitive gameplay.

Chain Reaction Game

March-2024

Developed a two-player game where the player with the dominating color wins. Implemented using Java and Recursion.

LANGUAGES KNOW

- English
- Hindi
- Telugu