

BUTTI VAISHNAVI

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[LinkedIn Profile](#) | [GitHub Profile](#)

OBJECTIVE

Motivated software development student skilled in web development, machine learning, and problem-solving. Excited to apply knowledge to real-world projects and gain experience in a tech-driven environment.

EDUCATION

Chaitanya Bharathi Institute of Technology	2022 – 2026
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Bachelors of Engineering (Information Technology)

CGPA: 8.20

Sumathi Devi Junior College	2020 – 2022
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Board of Intermediate

Percentage: 86

St John's High School - 2020

Secondary Education

GPA: 10.00

TECHNICAL SKILLS

Python, Java, Data Structures and Algorithms, DBMS, HTML, CSS, JavaScript.

PROJECTS

Local Online Grocery Store – HTML, CSS, DBMS, JS

Built a web application connecting local farmers with consumers to facilitate online orders, promote fresh products, and reduce food waste. The platform enables farmers to showcase products, manage inventory, and provides a user-friendly shopping experience for customers.

Mental Health Chatbot – AIML, WEB DEVELOPMENT

Created an AIML-driven interactive chatbot to assist with mental health queries, engaging users with information, coping strategies, and suggestions for further help. The chatbot uses natural language processing to provide a safe, supportive conversational space for users.

Efficient Data Compression with Huffman Coding – DSA

This project implements Huffman Coding for lossless data compression using binary, prefix-free codes based on character frequency. By assigning shorter codes to frequent characters and leveraging Min-Heap for efficient encoding, it reduces file size while ensuring accurate compression and decompression.

CERTIFICATIONS

- Database Management System – NPTEL
- Web Development (HTML, CSS, Bootstrap, DBMS, PHP, React, JS) – Internshala
- AI-ML Virtual Internship, AICTE-Eduskills
- Data Science, Infosys
- Machine Learning – NPTEL

TECHNICAL ACTIVITIES

Collaborated with a team to organise a Hackathon at the technical fest SUDHEE-2024. Gained knowledge in organizing and teamwork.