Vangapati Bhaswanth

B.Tech in Computer Science Engineering

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✉ bhaswanth5555@gmail.com
🐙 My Github Profile
🔗 My LinkedIn Profile
👤 My Portfolio Website

TECHNICAL SKILLS AND INTERESTS

Languages: HTML/CSS, JAVASCRIPT, C/C++, PYTHON, JAVA, PHP, MYSQL
Frameworks: ReactJs, nodeJs, expressJs, NextJs, Tailwind-CSS, material-UI
Cloud/Databases: SQL, MongoDb, Firebase
Soft Skills: listening skills, time management, problem-solving, leadership, critical thinking, teamwork, professional attitude, work ethic.
Coursework: mini net simulation using pox controller
Areas of Interest: Front-end, Back-end, AI/ML
Core concepts: Data Structures and Algorithms, Object Oriented Programming (OOP), Operating Systems

PERSONAL PROJECTS

•**Personal Portfolio Website** | **Live Demo**   *May 2025*

Next.js · React · Tailwind CSS

- Developed a sleek, responsive portfolio using **Next.js 15** and **React 19** to showcase full-stack projects.
- Integrated **EmailJS**, **Nodemailer**, and **reCAPTCHA** for secure and spam-free contact functionality.
- Enhanced UX with **Lottie animations**, **toast notifications**, and optimized image handling via **Sharp**.

•**React Live Chat App** | **Live Demo**   *April 2025*

Real-time messaging app powered by Socket.IO and Node.js

- Built a real-time chat application using **React**, **Socket.IO**, **Node.js**, and **Express.js** with dynamic user presence updates.
- Designed an intuitive UI with **HTML**, **CSS**, and smooth animations for an engaging user experience.
- Enabled instant messaging, join/leave notifications, and seamless room-based communication.

•**Sorting Visualizer** | **Live Demo**   *Present*

Interactive visualization of sorting algorithms

- Built an interactive web app using **HTML**, **CSS**/**SCSS**, and **JavaScript** to visualize popular sorting algorithms.
- Displayed real-time sorting behavior with animated colored bars to demonstrate algorithm logic and efficiency.
- Focused on explaining time complexities and internal workings of each algorithm for different input sizes.

EDUCATION

•**Motital Nehru National Institute of Technology, Prayagraj**   *2024*

Computer Science and Engineering   CGPA/Percentage: 78.4

•**NRI Junior College**   *2019*

Board of Intermediate Education, State   CGPA/Percentage: 95.4

•**Sri Chaitanya Techno School**   *2017*

Board of Secondary Education, Andhra Pradesh   CGPA/Percentage: 10.0

POSITIONS OF RESPONSIBILITY

•**Mentor,** Student Mentorship Program

•**Core and orgranizing memeber,** Chess Club

•**Core Member and Mentor,** Perspective Club

ACHIEVEMENTS

•**selected for Product Task,** Cohort-Level 3

•**Shortlisted for Product Task,** BLOCK DECRYPT