

HEMANTH PASUPULA

Charlotte, NC | hpasupul@charlotte.edu | +1 (704) 387-9399 | [GitHub](#)

Skills

- **Programming Languages:** C, C++, JavaScript, Python
- **Web Technologies:** HTML5, CSS3, Node.js, Express.js, React.js, EJS, Axios, REST APIs, Bootstrap, jQuery
- **Databases:** MySQL
- **Tools & Platforms:** Visual Studio Code, Git, GitHub, CodeSandbox, Windows, macOS
- **Soft Skills:** Time Management, Leadership, Attention to Detail, Adaptability, Communication, Teamwork, Customer Service

Projects

E-Commerce Cricket Website | *Project Lead and Backend Developer*

Tech Stack: Express.js, Node.js, EJS, HTML5, CSS3, Bootstrap, MySQL

Oct 2024 - Nov 2024

- Led development of a cricket e-commerce platform for selling equipment, jerseys, posters, and merchandise.
- Implemented user account creation, login, and shopping cart functionality, enabling a seamless purchasing experience.
- Built backend with **Express.js** and **Node.js**, using **EJS templates** for dynamic, server-rendered pages.

Understanding Citizen's Emotional Pulse in a Smart City Using AI | *Front-End Developer*

Tech Stack: EJS, CSS Flexbox, CSS Grid

Feb 2022 - Apr 2022

- Developed responsive user interfaces for an AI project analyzing citizen emotions regarding smart city initiatives.
- Created **accessible, mobile-friendly layouts** using **CSS Flexbox and Grid**, ensuring smooth navigation and usability.
- Enhanced visual design to improve **user engagement and satisfaction**.

Note Taker App | [Live Link](#)

Tech Stack: React.js, JSX, Props, Inline Styling, React Developer Tools

- Building a **React-based note-taking application** with add, edit, and delete functionality for notes containing title and description.
- Leveraging **reusable components, props, and JSX** to create a modular, maintainable UI.
- Utilizing **React Developer Tools** for debugging and optimizing performance.

Portfolio Website | [Live Link](#)

Tech Stack: HTML5, CSS3, Bootstrap, CSS Animations

- Designed and developed a **fully responsive portfolio** applying modern graphic design principles.
- Ensured **cross-device compatibility** and visual consistency with **Bootstrap**.
- Integrated **smooth CSS animations** for improved interactivity and user experience.

Education

Master of Science in Computer Science

Class of 2026

University of North Carolina at Charlotte, USA

Course Work: Algorithms & Data Structures, Artificial Intelligence, Big Data

GPA: 3.66

Bachelors of Technology in Computer Science & Engineering

Jul 2022

Jawaharlal Nehru Technological University Hyderabad, India

Affiliated College: Guru Nanak Institute of Technology

Course Work: Web Development, C++ Programming, Software Engineering

Achievements & Extracurriculars

- Prime Minister's Scholarship 2018 - 2021
- Captain of the school cricket team and currently playing for Charlotte Hornets in a cricket tournament.