



HEMANTH PASUPULA

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

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

SKILLS

- **Programming Languages:** C, C++, JavaScript, Python
- **Web Technologies:** HTML, CSS, NodeJS, EJS, Axios, Rest API, Bootstrap, jQuery, ExpressJS
- **Cloud & Databases:** Amazon Web Services (AWS), MySQL
- **Development Methodologies:** Agile
- **Tools and Platforms:** Visual Studio, Windows, MacOS, Version Control (Git), Numbers (Excel)
- **Soft Skills:** Time Management, Leadership, Attention to Detail, Adaptability, Communication, Teamwork, Customer Service

ACADEMIC PROJECT

E-COMMERCE CRICKET WEBSITE | *Project Lead and Backend Developer*

Oct 2024 - Nov 2024

- Developed a cricket e-commerce platform for selling equipment, jerseys, posters, and other merchandise using graphic design principles.
- Implemented user account creation, login functionality, and a shopping cart feature for seamless purchasing.
- Developed the backend using Express.js and Node.js, with EJS templates for dynamic web pages.

UNDERSTANDING CITIZEN'S EMOTIONAL PULSE IN A SMART CITY USING AI | *Front-End Developer*

Feb 2022 - Apr 2022

- Artificial Intelligence Project to understand an overview of citizen's emotions related to smart city initiatives.
- Designed and developed responsive user interfaces using, EJS, CSS Flexbox, and Grid to create a visually appealing experience
- Improved user experience by creating responsive web pages, ensuring seamless navigation and accessibility for users.

PERSONAL PROJECTS

BLOG WEBSITE

- Built this blog web application from scratch using Node.js, Express.js, and made use of EJS for dynamic templating, and seamless data rendering.
- Engineered robust CRUD operations, enabling users to create, view, update, and delete posts efficiently.
- Implemented route handling and middleware to manage requests, ensuring smooth navigation and functionality.

PORTFOLIO - (<https://portfolio-hemanth-pasupulas-projects.vercel.app/>)

- Implemented my web design skills and applied graphic design principles to create a perfectly responsive academic portfolio.
- Used HTML, CSS, and the Bootstrap framework to ensure responsiveness and visual consistency.
- Enhanced user experience by adding interactive elements and smooth transitions using CSS animations.

ACHIEVEMENTS AND EXTRACURRICULARS

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