HEMANTH PASUPULA

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

SUMMARY

Computer Science graduate student with hands-on experience in web development, specializing in responsive design and backend development. Passionate about building public-facing tools that empower communities through data.

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, React, EJS, Axios, Rest API, Bootstrap, jQuery, ExpressJS, Wordpress
- **Cloud & Databases**: Amazon Web Services (AWS), SQL
- **Tools and Platforms:** Visual Studio, Windows, MacOS, Version Control (Git), Numbers (Excel), Github
- **Soft Skills:** Leadership, Attention to Detail, Adaptability, Communication, Teamwork, Customer Service

ACADEMIC PROJECT

E-COMMERCE CRICKET WEBSITE | *Project Lead and Backend Developer*
Oct 2024 - Nov 2024

- Worked collaboratively in a team of 4 to develop 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.
- Utilized CSS Flexbox, CSS Grid, and React state management to build component-based layouts, ensuring scalability and visual consistency.
- 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.