HEMANTH PASUPULA

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

SUMMARY

Aspiring Computer Science student with a knack for logical thinking and a strong enthusiasm for problem-solving and building innovative solutions. Experienced in developing and hosting websites online, with a keen eye for creativity and detail. Eager to explore different approaches to tackle challenges, looking to collaborate with industry experts to further enhance both my technical and creative skills.

EDUCATION

Master of Science in Computer Science
University of North Carolina at Charlotte, USA

Bachelors of Technology in Computer Science & Engineering
Guru Nanak Institute of Technology, Hyderabad, India

SKILLS

- **Programming Languages:** C, C++, JavaScript
- **Web Technologies:** HTML, CSS, Node JS, EJS, Rest API, MySql
- **Frameworks:** Bootstrap, jQuery, ExpressJS
- **Technical Knowledge:** Data Structures and Algorithms, Database Systems
- **IDE's & Operating Systems:** Visual Studio, Windows, MacOS
- **Tools:** GIT
- **Soft Skills:** Time Management, Leadership, Attention to Detail, Adaptability, Interpersonal Communication, Teamwork

ACADEMIC PROJECT

UNDERSTANDING CITIZEN'S EMOTIONAL PULSE IN A SMART CITY USING AI

Feb 2022 - Apr 2022

- Artificial Intelligence Project to understand an overview of citizen's emotions related to smart city initiatives.
- Trained the data model using Supervised learning and Markov model to predict the patterns and transitions in the emotional states of the citizens
- Used combination of NLP & deep learning to create emotion modelling of the proposed framework.

E-COMMERCE CRICKET WEBSITE

Oct 2024 - Present

- Cricket E-commerce website designed to sell cricket equipment such as bats, balls, gloves, and other tools as well as jerseys and posters
- Users will be able to create an account, log in, and add items to the cart inorder to make their purchases. The items will be updated by the administrators of the website, namely us
- Using Express along with Node for the backend, MongoDB for the Database and EJS for frontend.

PERSONAL PROJECTS

a) Blog Website
- Built this blog web application from scratch using Node.js, Express.js, and EJS.
- It has the following functionalities; view, create, update and delete the posts.

b) Portfolio (Click Here)
- Implemented my web design skills and produced a perfectly responsive academic portfolio.
- Used HTML, CSS along with Bootstrap framework to make the website responsive.

ACHIEVEMENTS | EXTRACURRICULARS

- Prime Minister's Scholarship 2018 - 2021
- Captain of the school cricket team and currently playing for UNCC 49ers in a cricket tournament.