HEMANTH PASUPULA

Charlotte, NC | hpasupul@charlotte.edu | +91 90597 65184 | Portfolio

SUMMARY

Aspiring Computer Science student with a knack for logical thinking, enthusiastic about problem-solving and building innovative solutions. Experienced in developing and hosting websites online. Eager to explore different approaches to tackle challenges and collaborate with industry experts to further enhance technical skills.

EDUCATION

Master of Science in Computer Science   *Expected May 2026*
University of North Carolina at Charlotte, USA

Bachelors of Technology in Computer Science & Engineering   *Sep 2022*
Guru Nanak Institute of Technology, Hyderabad, India

SKILLS

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

ACADEMIC PROJECT

UNDERSTANDING CITIZEN'S EMOTIONAL PULSE IN A SMART CITY USING AI
- 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 modeling of the proposed framework.

PERSONAL PROJECTS

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

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

c) GPA Calculator
- Developed this website using Javascript to calculate the GPA of CSE students of R-18 regulation.

ACHIEVEMENTS | EXTRACURRICULARS

- Prime Minister's Scholarship 2018 - 2021
- Participated in code-cracking challenges organized by our college.
- Captain of the school cricket team.