

# HEMANTH PASUPULA

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## 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

University of North Carolina at Charlotte, USA

*Expected May 2026*

### Bachelors of Technology in Computer Science & Engineering

Guru Nanak Institute of Technology, Hyderabad, India

*Sep 2022*

## 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.