**ANUDEEP POONATI**

Andhra Pradesh, India | [iamanudeep6@gmail.com](mailto:iamanudeep6@gmail.com) | +91 8247244957

C:\Users\manoj\AppData\Local\Microsoft\Windows\INetCache\Content.Word\download (2).png**C:\Users\manoj\AppData\Local\Microsoft\Windows\INetCache\Content.Word\download.png** [github.com/AnudeepPoonati](https://github.com/AnudeepPoonati)[linkedin.com/in/anudeeppoonati1911](https://www.linkedin.com/in/anudeeppoonati1911/)

**EDUCATION**

**Vellore Institute of Technology, Vellore/India 2021**

4-year Degree, Bachelors of Technology in Computer Science Engineering

* Among the top 25% of the graduating class (CGPA 7.86/10, US equivalent 3.16/4)

**SKILLS**

* Programming languages: Java, C, Python, Javascript, PHP, HTML
* Frameworks: Bootstrap, Angular, Django,
* Database Management: MySQL, Oracle
* Technologies and software: Git, Visual Studio Code, Wordpress, Kali linux
* Hardware Tools: Arduino mkr1000, Raspberry PI.

**PROFESSIONAL EXPERIENCE**

**Wipro Limited, Hyderabad – Project Engineer July 2021 - Present**

* Working as Developer and Support for VISION MS team for the client FedEx Ground
* FedEx is an American multinational shipping & delivery service and supply chain management company.

**Inventeron Technologies and Business Solutions LLP, Bangalore - Web Development Intern May 2020**

* Developed a website for a Events Module of University Portal
* Used frameworks like Bootstrap, Angular etc.

**Triculin Technologies Private Limited, Hyderabad – Web and Mobile Application Development July 2020**

* Developed a Web and Mobile Application called “Knowledge Evaluation Software”, Which is used to conduct exams to evaluate knowledge of the students

**RESEARCH PAPERS AND PROJECTS**

**Research Papers:**

* [**Symptoms based Multiple Disease prediction Model Using Machine Learning Approach**](https://www.ijitee.org/wp-content/uploads/papers/v10i9/I93640710921.pdf) **(07/2021)**

Authored and published a paper in the International Journal of Innovative Technology and Exploring Engineering in July 2021, Volume 10, Issue 9, ISSN: 2278-3075, Paper ID: I93640710921.

* [**An Automated Baby Monitoring System Using Raspberry Pi**](https://www.ijeat.org/portfolio-item/F30580810621/) **(08/2021)**

Authored and published a paper in the International Journal of Engineering and Advanced Technology in August 2021, Volume 10, Issue 6, ISSN: 2249-8958, Paper ID: F30580810621.

* [**IOT Embedded Sensor Based Cloud Agent System for Sudden Infant Death Syndrome Monitoring and Analysis Using Machine Learning**](https://www.ijert.org/research/iot-embedded-sensor-based-cloud-agent-system-for-sudden-infant-death-syndrome-monitoring-and-analysis-using-machine-learning-IJERTV10IS080096.pdf) **(08/2021)**

Authored and published a paper in International Journal of Engineering Research and Technology in August 2021, Volume 10, Issue 8, ISSN: 2278-0181, Paper ID: IJERTV10IS080096

**Projects:**

* **Usage of Social Media Application to Control and Monitor Home Appliances (06/2021)** Developed a prototype which uses Raspberry pi and social media application along with materials such as fan, light, socket, camera, PIR sensor and MQ2 gas sensor to control and monitor home appliances. Users can operate all the home appliances using telegram bot system. The Alert system is included so that the user can get alerts in the form of SMS and Mail. Camera is used for live monitoring.
* **Efficient Resource Allocation at Time of Natural Calamity (11/2018)**

In this work, I attempted to reduce the time expended in the preparing of any assignment by a framework. For as to organize the procedure that can be managed as quickly as time permits. Making our present Banker's calculation is to act all the more dynamically. At time of natural calamity, when regions of distress are recognized. We allocate the resources (Food, cloth and medicine) based on the need efficiently with the help of this project application.

* **Music Recommendation Using Personalization Collaborative Filtering (04/2019)**

Created a Music Playlist Creator Web Application which not only helps to download and create playlists, but also keeps a track on listener’s choice of listening and suggests and recommends the listener with the genre and the music user may like. Artists will also have an option to create account and manage their uploads.

* **Calculating Political Bias in Social Media (11/2019)**

We created a code to find which social media application is more biased in terms of politics using NodeXl and Centrality Measures, Page rank and Clustering Co-efficient.

* **Smart and Economical Walking Stick for The Blind People (06/2020)**

This project aims to integrate the traditional Walking Stick with an interface consisting of an on-board computer and ultrasonic sensors in order to detect all obstacles both floor level and above average height. The resulting detection gives rise to reliable output source, which can guide the user beyond the limits of danger.

* **Smart Music Player Based on Human Emotions (05/2020)**

The Software uses facial recognition to capture human emotions. It is developed in python language and can be useful to play music based on the emotions of people. The GUI of the software is made using Python Tinker and the model is trained using FisherFace Algorithm.

* **Manipulator Arm Capability in the MATLAB Robotic System Toolbox and Collision Detection (06/2019)**

The aim of this project is to understand what is manipulator arm capability and their transformation matrices and what type of the link we are using and how the robots helps us in avoiding the collisions with the obstacles and how it going to overcome the issues based on this.

* **Sentimental Analysis of Movie Rating Based on Comments Using Artificial Intelligence (05/2020)**

Created an Algorithm to find movie rating based on the comments using the multinomial Naïve Bayes, Random forest and support vector classifier. I used python language and natural language processing tool kit to convert the comments provided by the user into rating.

**EXTRACURRICULAR ACTIVITIES**

* Vice President of SAHITI Telugu Literary Association at Vellore Institute of Technology, Vellore
* Runner up in HackerTech-18' Hackathon
* Volunteered with **Anokha,** a Non-Government Organization in educating Unprivileged children
* Participated and Volunteered for multiple blood donation camps under Youth Red Cross at VIT, Vellore
* Event Coordinator for Anthyakshari, Riviera 2020