

# Vangapandu Avinash

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## EDUCATION

### GITAM University

*B.Tech/Computer science and engineering*

visakhapatnam,India

2019-2023

- **Cumulative GPA : 8.53/10**

- Relevant coursework : Neural networks and deep learning, Software engineering, Data warehousing, Data structures and algorithms with python

### Narayana junior college

*Intermediate / Maths, physics and chemistry*

visakhapatnam,India

2017-2019

**Cumulative GPA : 9.54/10**

### Narayana High school

*High school*

visakhapatnam,India

2016-2017

**Cumulative GPA : 9.8/10**

## WORK EXPERIENCE

### Gilbert Research centre

*Data science and machine learning intern*

- Assisted in the deployment of machine learning models in production environments.
- Continuously learned and stayed up-to-date with the latest developments in machine learning and data science.
- Collected, cleaned, and preprocessed large datasets for use in machine learning models.

## Projects

### Crypto currency price predictor

[-Link](#)

- Developed a web-based application using Flask and Long Short-Term Memory (LSTM) to predict the future prices of various crypto currencies.
- Cleaned and processed historical crypto data to train the model
- The model was able to accurately predict the future prices of crypto currencies with a high degree of confidence, providing users with valuable insights into the crypto currency market.

### Sign language detector

[-Link](#)

- Developed a real-time sign language detection application using a CNN model and Tkinter for GUI.
- Utilized a live camera feed to detect and recognize various hand gestures representing the letters of the alphabet in American Sign Language (ASL)
- Integrated the model into a Tkinter GUI for user interactions
- Model was able to accurately detect and convert ASL hand gestures to letters in real-time, providing users with a convenient way to communicate with the hearing-impaired community

## SKILLS & INTERESTS

**Skills:** python, HTML, CSS, javascript, Flask, SQL, machine learning, deep learning, problem-solving, active listening, video editing(Premiere pro).

**Interests:** crypto trading, reading machine learning journals on Medium, PC gaming.

## Achievements

- Won the Best Visual Treat-2 award at Virtusa Neural Hack Season-6 for outstanding performance in visual representation.
- Attained Grand Finalist standing in Innovate India Coding Championship 2022 by AICTE, a testament to outstanding coding skills.
- Honored with the recognition of being one of the top 10 projects at the PrOton showcase event by Github Student Club, GITAM for the project "Crypto Currency Price Predictor".
- Ranked Under 50 on coursera employment hackathon

**Github**

: [vavinash992](https://github.com/vavinash992)

**Portfolio website**

: [Avinash-vangapandu](https://Avinash-vangapandu.github.io)