

ARYAN SHARMA

Junior Undergraduate - VIT-AP

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EDUCATION

B.Tech in Computer Science and Engineering

Vellore Institute of Technology-Andhra Pradesh (VIT-AP)

September 2020 - August 2024 Vijayawada(AP), India

- CGPA: 9.34
- Higher Secondary Examination, CBSE, Deepanshu Public School, Delhi, Percentage: 92.5%

PROJECTS

Face Recognition App using API

August 2021

- Created a Face Recognition App by API in JS using React framework.
- The app detects face in an image by uploading the link address of image.
- The app also allow users to create an account by making database using PostgreSQL.
- Exposure:** PostgreSQL, HTML, React, JS, CSS.

V-Chat Platform

December 2021

Mentor: Dr. Ganesh Reddy Karri

- Developed a group platform for chatting where anyone can join through google account authentication where the messages are stored in firebase in encrypted form.
- The project provides users to send text messages to anyone
- Exposure:** Firebase, HTML, React, JS, CSS.

BMI and Sugar Tracker App

August 2021

Contributed in TechEden Hackathon

- Created an Android Application which calculate BMI and track level of Sugar and plot the graph.
- The project allow users to enter height and weight and calculate the status of person's health index.
- Exposure:** Android Studio, Java, XML, Shared Preference.

Robotic Hand

September 2022 - Ongoing

Mentor: Prof. Vikash Kumar Singh

- Developed a hand using handmade flex sensors to record the user's hand movement and replicate it.
- Both hands are connected using Bluetooth modules to send and receive data in a wireless manner.
- Exposure:** Arduino, Embedded C, Bluetooth, flex sensors, Servo motors.

Smart Trash Collector

September 2022 - Ongoing

Mentor: Dr. Sumathi D

- Group project to make a smart trash collector using embedded C and Arduino.
- Exposure:** Arduino, Blynk, Embedded C, Ultrasonic Sensors.

CERTIFICATIONS

- Certified by Oracle on completion of **Oracle Cloud Infrastructure Foundations 2021 Associate**.
- Certified by Microsoft on completion on **Azure Data Fundamentals**.
- Certified by ZTM Academy on completion of **The Complete Web Developer**.

TECHNICAL SKILLS

C, C++, Python, Java, HTML, CSS, JS, React, Android, Arduino, R, MATLAB, Web Development, Object Oriented Programming, Design and Analysis of Algorithms, Mobile Application and Development, Web Technologies.

EXPERIENCE

Web Development Internship

November 2021-December 2021

Celebrare

- Added a push notification feature to send updates to the guests reminding about the event.
- Implemented a policy page for the main website, available [here](#)
- Exposure:** Firebase, HTML, JS, CSS.

PORS AND ACHIEVEMENTS

President at NULL Chapter (Club of Cyber Security and Information, VIT-AP).

- Managing the club, recruiting team members and executing the events conducted by the club properly.

Former Technical Lead, NULL Chapter

- Maintained and updated Club's official Website.
- Organized **CTF** competition and prepared more than 10 questions based on Web Development and Cryptography knowledge.

Selected in **Amazon ML Summer School** to cover intensive course on key ML topics.

Highest **Codechef** Rating: **1752**.

Secured **5th** position in **CodeMate Coding competition** organized by **Codechef Chapter** of VIT-AP.

Selected as Mentor for **TechnologicalBusiness Hackathon 2.0** hosted by **AIESEC** in Amaravati.

Got **Bronze medal** in **Vedic Mathematics Competition**.

COURSES

- Courses taken:** OOPS, DSA, DBMS, Operating Systems, Mobile Application Development, Problem Solving Using Java, Web Technology, Cyber Security, Discrete Mathematics, Linear Algebra, Computer Networks, Introduction to Cryptography, Applied Statistics.