

# ARYAN SHARMA

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## Education

### Vellore Institute of Technology AP

*Bachelor of Technology in Computer Science*

Sept 2020 – Jul 2024

CGPA: 9.28

### Deepanshu Public Senior Secondary, Delhi

*Central Board of Secondary Education, Grade 12*

Apr 2019 – Mar 2020

Percentage: 92.5%

## Experience

### Web Development Intern

Nov 2021 – Dec 2021

*Celebrare*

- Improved user experience by implementing an effective push notification feature, delivering timely event updates and serving as helpful reminders for guests.
- Developed and integrated a policy page, improving user experience by providing valuable information and seamless navigation.

### President

Jul 2022 – Jul 2023

*Null Chapter, VIT-AP*

- Led a team of 40+ students, ensuring seamless execution of club activities. Organized and facilitated 8 club events, including Hackathons and Workshops, attracting strong participation of 100+ students.
- Led the club to win the prestigious **Best Chapter award**, recognizing exceptional achievements and contributions.

### Technical Lead

Jul 2021 – Jun 2022

*Null Chapter, VIT-AP*

- Managed club's official website to ensure accuracy and relevance for an enhanced user experience.
- Organized **CTF** competition, curated over 10+ questions on Web Development and Cryptography to engage participants and promote learning.

## Projects

### Face Recognition App using API

- Modeled a React Application for image-based face detection by uploading link addresses using **React JS, Express JS**.
- Implemented user login system and database management using **PostgreSQL** for enhanced functionality.

### V-Chat

- Designed a secure group chat platform with Google account authentication and encrypted message using **React JS, Firebase**.
- Implemented a user-friendly messaging feature for seamless text group communication with up to 100 users.

### Robotic Hand

- Built a hand replica system using custom **flex sensors** to capture and mimic the user's hand movements.
- Incorporated a sophisticated wired system using **Arduino** and **Bluetooth** for seamless real-time replication of hand movements between both hands using **servo motor**.

## Online Courses and Certifications

- Got certification by **Microsoft** on completion of Azure Fundamentals (AZ-900).
- Certified by **Oracle** on completion of Oracle Cloud Infrastructure Foundations 2023 Associate.
- Certified by **ZTM Academy** on completion of The Complete Web Developer in 2021.

## Technical Skills

**Languages and Frameworks:** C, C++, Java, JS, Python, HTML, CSS, React, Express, Android, R Programming, MATLAB, Verilog.

**Other Skills:** Data Structures and Algorithms, Object Oriented Programming, CP, Git and Github, VS Code, Firebase.

## Achievements

- Secured **top 200** out of 10,672 students in NPTEL Online Certification for **The Joy of Computing using Python**.
- Achieved highest **Codechef** rating of **1752**, showcasing proficiency in coding skills.
- Selected as Mentor for **TechnologicalBusiness Hackathon 2.0** hosted by **AIESEC** in Amaravati.
- Secured 5th position in **CodeMate Coding competition** organized by **Codechef Chapter** of VIT-AP.