ARYAN SHARMA

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Education

Vellore Institute of Technology AP   **Sept 2020 – Jul 2024**
Bachelor of Technology in Computer Science   *CGPA: 9.31*

Deepanshu Public Senior Secondary, Delhi   **Apr 2019 – Mar 2020**
Central Board of Secondary Education, Grade 12   *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.