

ARYAN SHARMA

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LinkedIn

Github

Portfolio

Education

Vellore Institute of Technology AP

Bachelor of Technology in Computer Science

Sept 2020 – Jul 2024

CGPA: 9.29

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 increasing 20% guest appearance.
- 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 2023**, recognizing exceptional achievements and contributions.

Technical Lead

Jul 2021 – Jun 2022

Null Chapter, VIT-AP

- Organized **CTF** competition, curated over 10+ questions on Web Development and Cryptography to engage participants and promote learning.
- Managed club's official website to ensure accuracy and relevance for an enhanced user experience for over **4000** users.

Projects

SysTrack: The System Information Collector

- Developed "SysTrack", a Python-based system information collector for **AdGlobal360**, used by over **1000** employees.
- Utilized **Python**, **Google Sheets API** and **Firebase** for real-time data management and accessibility.

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.

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

- Received **Microsoft** certification upon completion of Azure Fundamentals (AZ-900).
- Completed **Oracle** Cloud Infrastructure Foundations 2023 Associate certification.
- Certified by **ZTM Academy** after completing 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, Visual Studio Code, Firebase.

Achievements

- Ranked in the **top 200** out of 10,672 students in NPTEL Certification for **The Joy of Computing using Python**.
- Attained a **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.