ARYAN SHARMA

📞 +91 8810699662 ✉ aryan.rakesh.121@gmail.com 💼 LinkedIn ⬛ Github [O] Website

Education

Vellore Institute of Technology AP   **2020 – 2024**
Bachelor of Technology in Computer Science   *CGPA: 9.28*

Deepanshu Public School, Delhi   **2020**
Central Board of Secondary Education, Grade 12   *Percentage: 92.5%*

Experience

Web Development Intern   **Nov 2021 – Dec 2021**
Celebrare
- Added a push notification feature to send event updates to guests as reminders.
- 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
- Effectively led club operations, overseeing recruitment, and successfully organizing a wide range of engaging club events, showcasing exceptional leadership, and strong organizational abilities.
- Led the club to win the prestigious **Best Chapter award**, recognizing exceptional achievements and contributions.

Technical Lead   **July 2021 – June 2022**
Null Chapter, VIT-AP
- Regularly updated and maintained the club's website to ensure accuracy and relevance for an enhanced user experience.
- Successfully organized a captivating **CTF** competition, showcasing strong skills in question curation and event management. Crafted and curated over 10 thought-provoking questions on Web Development and Cryptography to engage participants and promote learning.

Projects

Face Recognition App using API | *React JS, Express JS, PostgreSQL*
- Built a React Application for image-based face detection using uploaded link addresses.
- Implemented user registration and database management using PostgreSQL for enhanced functionality.

V-Chat | *React JS, Firebase*
- Developed a secure group chat platform with Google account authentication and encrypted message storage in Firebase.
- Implemented a user-friendly messaging feature for seamless text communication within the platform.

Robotic Hand | *Arduino, Bluetooth, flex sensors, Servo motors*
- Developed a hand replica system using custom flex sensors to capture and mimic the user's hand movements.
- Implemented a sophisticated wired system for seamless real-time replication of hand movements between both hands.

Online Courses and Certifications

- Certified by **Microsoft** on completion of Azure Data Fundamentals.
- Certified by **Oracle** on completion of Oracle Cloud Infrastructure Foundations 2023 Associate.
- Certified by **ZTM Academy** on completion of The Complete Web Developer.

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.
- Earned a **bronze medal** in the **Vedic Mathematics Competition**, demonstrating proficiency in mathematical skills.