

R. SYAM SUNDAR

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EDUKATION

Vellore Institute of Technology, Chennai | Sep 2022 - present | *Bachelors of Technology in Computer Science*
| **CGPA - 8.04**

Nalanda International School, Vadodara, Gujarat | May 2022 | *Indian Certificate of Secondary Education,*
Class 12 | **Grade: 90.2%**

Nalanda International School, Vadodara, Gujarat | April 2020 | *Indian Certificate of Secondary Education,*
Class 10 | **Grade: 91%**

PROJECTS

Student Database Management System | *PYTHON, MySQL*

- Designed an entire database management system with my team using python and MySQL by leveraging sql connector.
- Made the frontend where the users could delete, add, update and search for records.

Pulsewise Application | *ARDUINO, FIGMA, PYTHON*

- Developed an application to predict heart disease with an ML model.
- Designed a working model that shows the ECG of the patient along with its frontend.

Bus Attendance Tracking System Using Fog and Edge Computing and Data Analytics | *ARDUINO, FIREBASE, PYTHON CSV, RFID SENSORS*

- Developed a hardware system to track bus attendance using sensors with data analytics.
- Designed a working model that senses movement and tracks attendance.

Building a Real-Time Chatbox using AWS | *AMAZON MANAGEMENT CONSOLE*

- Developed a chatbox deploying AWS services.

Autonomous Vehicle with Smart Analytic Rerouting | *ARDUINO, REACT JS*

- Developed an autonomous car that uses google maps scraping to reroute itself.

NLP in Clinical Trial Matching | *PYTHON*

- Patient's condition is diagnosed using the keywords using NLP and treatment is provided.

TECHNICAL SKILLS AND CCOURSEWORK

Languages: Python, C++, C, Java, HTML, CSS, JavaScript, React JS

Coursework: Generative AI Prompt Engineering, AWS Solutions, NLP, Object Oriented Programming, Design and Analysis of Algorithms, Data Structures & Algorithms, Fog & Edge Computing, Database Management Systems

EXPERIENCE

Internship at Access Computech Pvt. Ltd. | June 2024 – July 2024

- Learned about .NET platform and C# programming language. Created a Notes application and XML file converter that puts all the data from the XML file into the required database.

Internship at TekAfforde Solutions Pvt. Ltd. | May 2025– June 2025

- Learned about ReactJS and frontend programming. Created a website for my resume using ReactJS and worked on minor roles for the company's ongoing projects

Online Internship at Wipro | June 2025 – July 2025

- Worked on AI as a domain. Learned how to develop an AI agent.

Pop Culture President | *VIT CHENNAI* May 2024 – May 2025

- Worked on marketing, outreach, external college registration, report preparation and venue allocation.

Code Chef Member | *VIT CHENNAI* May 2024 – May 2025

- Member of the Event Management department.

Event Managers Club Volunteer | *VIBRANCE PRIZE POOL COMMITTEE, VIT Chennai* Feb 2024 – Mar 2024

- Worked with Event Managers Club to conduct and coordinate all events happening during Vibrance.

ACHIEVEMENTS

- Won 2nd prize at CryptoClash, Catch the Flag event hosted by the School of Computer Science and Engineering at VIT, Chennai
- Won multiple awards at International level representing UCMAS (World's leading Abacus program).
- Won the best speaker in several Elocution competitions.