

Anvesha Singh

LinkedIn : [Anvesha-Singh](#)

Github : [Anvesha-Singh](#)

Mobile: +91 7862007499

Email: sanvesha04@gmail.com

EDUCATION

- **Vellore Institute of Technology, Chennai** Chennai, Tamil Nadu
Bachelor of CSE with Specialization in AI and Robotics; CGPA: 9.19 Sep. 2022 – July 2026(Expected)
- **Shannen School HSC** Vadodara, Gujarat
PCM in Gujarat Secondary and Higher Secondary Education Board; Percentile: 97% June. 2020 – April 2022
- **Shannen School SSC** Vadodara, Gujarat
Gujarat Secondary and Higher Secondary Education Board; Percentile: 99% June. 2018 – April 2020

SKILLS

- **Languages:** C, C++, Python, Java, HTML, CSS, JavaScript, SQL
- **Soft Skills:** Leadership, Event and Time Management, Teamwork, Communication, Adaptable
- **Tools:** Github, Google Colab, Figma, Arduino, Visual Studio Code, Microsoft Azure
- **Core Concepts:** Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, Computer Networks, Cloud Computing, Technical Report Writing

PROJECTS

- **CaseFlowPro (September 2023):**
 - Created a web-app that can be used by Judges to organise their workflow implementing **DCM**.
 - A **Smart India Hackathon** Project under the Ministry of Law Category.
 - Took responsibility for the research, design and presentation of the project.
- **VIT Achievements Page (February 2023):**
 - Developed a website for displaying the achievements made by VIT students and faculty.
 - Final project for the Web Development Workshop and Competition organised by **Spoken Tutorial IIT Bombay**.
 - Was responsible for the front-end using **HTML** and **CSS**.
- **Surgical Smoke Detection (April 2024):**
 - Developed a **deep learning model** to detect smoke and non-smoke frames during surgical process.
 - Created during a 36-hour Hackathon by **Stryker**.
 - Pre-processed and developed various models to test out the model with best accuracy.
- **Contactless Thermometer (April 2024):**
 - Created a contactless thermometer using an **Arduino** and an MLX sensor (like the MLX90614 or MLX90632)
 - Developed as a Sensors, Actuators and Signal Conditioning subject's Project.
 - Responsible for researching and assembling the circuit while ensuring accurate measurement.
- **Nonograms (May 2023):**
 - Programmed a bot that can solve Nonograms on its own given the blank spaces and clues.
 - Team project assigned to us at the **Women Engineers Bootcamp** by **TalentSprint**.
 - Was tasked with coding the base strategies and a few advanced methods for the bot to solve the Nonogram.

EXPERIENCE

- **Data Intern at PGP Glass Private Limited (June 2024):**
 - Interned at PGP Glass for 30 days.
 - Learnt **Data Fundamentals** like data analysis, visualisation, cleaning and AI modeling.
 - Built a project with **Microsoft Azure** and **Power BI**.

ACHIEVEMENTS

- **Google WE Scholar:** Selected in the **Top 200** out of 23 thousand applicants for Women Engineers Scholarship Program by TalentSprint sponsored by Google.

CERTIFICATIONS

- **Microsoft Azure AI Fundamentals:**
 - Foundational knowledge of machine learning (ML) and artificial intelligence (AI) concepts and related Microsoft Azure services.
- **Databricks Accredited LakeHouse Fundamental:**
 - Understanding of fundamental concepts related to Databricks Lakehouse Platform.

KEY COURSES TAKEN

- **Women Engineers BootCamp 2023:**
 - Participated in a 3 Week in-person Bootcamp conducted from May 2023 at **IIIT Hyderabad**, Telangana.
 - Learnt self-learning skills, computational and analytical skills, clean-coding techniques, working on projects in teams, and **Corporate Skills**.
- **Internet of Things and Space BootCamp:**
 - 1 Week in-person Bootcamp conducted from December 2023 at Hyderabad by ECE Dept., **B V Raju Institute of Technology**.
 - Practical understanding of **Wireless Communication Tech** like Node MCU, Rasperry Pi, ESP32 Microcontroller, ThinkSpeak through MATLAB, Live streaming satellite data

POSITIONS OF RESPONSIBILITY

- **General Secretary** Chennai, Tamil Nadu
IEEE Computer Society, VIT Chennai *Oct 2023 – Present*
 - Organised a Competitive Coding event with **400+** college student participants called **BitWars Algorithm ShowDown** as the Student Coordinator.

EXTRA-CURRICULAR

- **Karate Black Belt:** Obtained a Diploma in Karate Martial Arts after 7 years of practice.
- **Best All Rounder:** Won the trophy for the Best All Rounder student in primary school for 3 years straight.