

ANUJ SENTHIL MOHAN

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B.Tech CSE undergraduate with a strong passion for web design, development, and data analytics. Known for my creativity, open-minded approach and eagerness to explore new technologies. I also bring excellent communication and social skills, enabling effective collaboration in team environments.

EDUCATION

- **CBSE CLASS 10 | GEMS United Indian School, Abu Dhabi, UAE** - Completed in 2021
- **CBSE CLASS 12 | Abu Dhabi Indian School, Abu Dhabi, UAE** - Completed in 2023
- **BTech Computer Science Engineering | IIIT Jabalpur, Madhya Pradesh, India** - 2023-present

EXPERIENCE

- **Intern @ Belimo | May 2025 | (Duration : 1 week)**
 - Observed IT integration in HVAC systems, focusing on smart energy valves.
 - Understood basic concepts of the Niagara platform and BACnet MSTP protocol.
 - Learned how valve data is inputted and used to enable intelligent BMS.
 - Gained insight into data flow within building automation systems.
 - Analyzed the integration of IT systems in logistics, finance, and technical support operations within a corporate environment.
- **Intern @ TechSolnX | April 2025 | (Duration : 4 weeks)**
 - Built a responsive personal portfolio website using HTML, CSS, and JavaScript.
 - Applied basic web design principles including layout structuring and styling with Flexbox/Grid.
 - Gained hands-on experience with JavaScript for interactivity and DOM manipulation.
 - Learned fundamentals of responsive design and debugging for cross-device compatibility.

PROJECTS

- **MUNCHY - FOOD DELIVERY WEBSITE | June 2025**
 - Developed a full-stack food delivery platform with responsive UI using React.js (Vite).
 - Built core features: user authentication, menu browsing, cart, and order tracking.
 - Created a secure admin dashboard to manage products and monitor orders.
 - Integrated Stripe API for seamless online payments.
 - Implemented RESTful APIs with Node.js & Express, and used MongoDB for data storage.
- **SMART FOOD RECIPE GENERATOR | May 2025**
 - Developed a Flask-based app enabling users to find recipes by ingredients or natural language queries using spaCy NLP.
 - Integrated TheMealDB API for real-time recipe data with detailed instructions and images.
 - Deployed via GitHub and Render with automated setup and dependency management.
 - Focused on delivering a smooth, user-friendly experience with advanced ingredient filtering.
- **SIGN LANGUAGE TO TEXT APPLICATION | August 2025**
 - Developed a real time Sign language to Text app using Python, OpenCV, Mediapipe, scikit-learn, tkinter.
 - Designed a standalone windows app with webcam based gesture recognition.
 - Created a custom data-set of ISL signs with pre-processing and evaluation.
 - Achieved ~97 % accuracy using confidence threshold and sentence construction.

SKILLS

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|--------------------------------|------------------------------|
| ● Full-Stack Web Development | ● Innovative Thinking |
| ● Web Design | ● Exceptional Communication |
| ● Problem Analysis and Solving | ● Time Management |
| ● Data Science | ● Data Analysis |
| ● Basic App Dev using Flutter | ● Basics of Object Detection |
| ● Intro to Generative AI | ● Intro to Image Generation |

TECHSTACK

- Frontend: HTML, CSS, JavaScript
- Backend: Node.js, Express.js, Python, Flask
- Coding Language: C, Python, Java, SQL
- Tools: Figma, Git, VS code, Canva, MongoDB
- Data Sci. & ML : Tensorflow, spaCy, Pandas, NumPy

LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Tamil (Fluent)
- Japanese (Basic)
- Arabic (Basic)