

Ansh Gandhi

Email : anshnirmal.gandhi2022@vitstudent.ac.in
Mobile : +917020026145

LinkedIn: <https://www.linkedin.com/in/ansh-gandhi-2906a2248/>
GitHub: [Ansh Gandhi \(github.com\)](https://github.com/ansh-gandhi)

EDUCATION

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| <ul style="list-style-type: none">Vellore Institute Of Technology
B.Tech, Computer Science; GPA: 9.29/10 | Vellore, Tamil Nadu
August 2022 - May 2026 |
| <ul style="list-style-type: none">Fatak High School
12th Standard; Percentage: 87% | Maharashtra
March 2022 |
| <ul style="list-style-type: none">Sacred Heart Convent High School
10th Standard; Percentage: 98% | Maharashtra
March 2020 |

CERTIFICATIONS

- Microsoft Certified: Azure AI Fundamentals**

EXPERIENCE

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| <ul style="list-style-type: none">UI/UX Intern, - Edept, Maharashtra, India<ul style="list-style-type: none">Successfully designed and implemented a user-friendly skill deficit tool, enhancing user experience and functionality by utilizing UI/UX best practices and innovative design solutions.Conducted user research, wireframing, prototyping to ensure the tool met user needs and provided an intuitive, seamless experience. | June 2024 - August 2024 |
| <ul style="list-style-type: none">Events Head, - Anchoring Club, Tamil Nadu, India<ul style="list-style-type: none">Spearheaded the execution of 25+ events, ensuring seamless operations and high engagement, impacting an audience of 2000+ attendees.Collaborated with 5+ clubs, aligning resources and planning for cohesive, large-scale events. | March 2024 - March 2025 |

PROJECTS

- AI-Powered Smart Home System**
 - Built an AI-powered system to optimize energy efficiency by detecting room occupancy, reducing power consumption by 30%
 - Implemented a face detection system with the YOLO V8 to automatically turn off lights when no faces are detected, optimizing energy efficiency.
 - Technologies Used: **React, YOLO AI, Node.js, React Native**
- Shopify - E-commerce Platform**
 - Developed a dynamic shopping platform, "Shopify," featuring secure user registration and login using JWT-based authentication, along with a cart system that stores and displays users' purchased products.
 - Engineered a robust backend using Express and Node.js, with Oracle Database integration for reliable data management.
 - Technologies Used: **HTML, CSS, JavaScript, Node.js, Express, Oracle Database**
- Portfolio Website**
 - Developed a portfolio website using React JS, showcasing personal projects and skills with a modern, interactive design.
 - [Portfolio Website Link](#)
 - Technologies Used: **React JS, Node JS, HTML, CSS**
- Automated BCD-to-Binary Converter using Python**
 - Developed a Python-based tool to generate optimized Verilog code for 4-bit binary to BCD conversion.
 - Implemented the Quine-McCluskey algorithm to simplify Boolean expressions, improving logic efficiency.
 - Optimized data flow and behavioral-level logic synthesis, enhancing computational performance. [Code Converter Link](#)
 - Technologies Used: **Python**

ACHIEVEMENTS

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| <ul style="list-style-type: none">Top 10 Finalist (Out of 100 Teams) – Reverse Coding Competition, VIT Vellore -<ul style="list-style-type: none">Developed algorithms to infer hidden logic from input-output patterns, successfully passing all test cases. | January 2025 |
| <ul style="list-style-type: none">Student Of The Year Award, Sacred Heart Convent High School, Maharashtra -<ul style="list-style-type: none">Awarded Student of the Year for outstanding academic performance, leadership, and active participation in school activities.Showcased a well-rounded skill set by excelling in both academics and extracurricular pursuits, highlighting strong work ethic and dedication. | March 2020 |

EXTRA CURRICULAR

- Lead Anchor, Riviera:** Commanded the stage as the lead anchor at Riviera, recognized as one of India's largest cultural festivals, captivating a live audience of **20,000** with masterful storytelling and dynamic stage presence, thereby playing a pivotal role in the event's monumental success.
- HeadBoy, Final Year, School:** Spearheaded student council initiatives as Head Boy, leading by example to promote school spirit and drive positive change within the school community.
- Debate Competition, Hindu Education Plus Club:** Achieved a **top 7** position out of 100 participants in the debate competition. Showcased excellent communication and critical thinking skills, which are crucial for effective collaboration and problem-solving in technical teams.

COURSES

- Cryptography, Bitcoin, AWS Solution Architect, Design & Analysis of Algorithms, Artificial Intelligence

SKILLS AND HOBBIES

- Skills:** Python, DSA, Java, JavaScript, NodeJS, Express JS, HTML, CSS, ReactJS, SQL, Mongo DB, AWS Fundamentals
- Hobbies:** Chess, Badminton, Anchoring, Debate, Reading, Fitness