

Ansh Gandhi

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EDUCATION

Vellore Institute of Technology

Bachelor of Technology in Computer Science and Engineering

- CGPA: 9.34/10

Tamil Nadu, India

September 2022-Present

Fatak High School

Class XII: Maharashtra State Board

- Percentage :87

Maharashtra, India

May 2020- May 2022

Fatak High School

Class X: Maharashtra State Board

- Percentage: 98

Maharashtra, India

April 2019-April 2020

EXPERIENCE

Events Head

Anchoring Club

- Spearheaded club events, ensuring seamless execution and high engagement.
- Collaborated with club heads for cohesive planning and resource alignment.

Feb 2022 -Present

VIT Vellore,Vellore

PROJECTS

BCD CODE CONVERTER / Python, PyQt, Verilog

Decemeber 2023-January 2024

Link - <https://colab.research.google.com/drive/1O6qiI7DE0pMc0yAtCbw3lw6wTHgO7kKb>

- Engineered an innovative Python script integrated with a PyQt desktop application UI, dynamically generating Verilog code for 4-bit binary to BCD conversions.
- Devised complex algorithms to construct Karnaugh Maps and synthesize simplified Boolean expressions, significantly enhancing efficiency in data flow and behavioural level Verilog code development
- Mastered digital electronics fundamentals and binary-to-BCD conversion techniques, applying advanced programming skills to tackle intricate engineering problems.

GPA Calculator / HTML, CSS, JavaScript

March 2024 – March 2024

- Developed and designed a user-friendly GPA calculator web application, enhancing student interaction through intuitive HTML/CSS interfaces
- Implementing dynamic JavaScript for real-time validation and GPA computation, demonstrating advanced proficiency in client-side scripting

COURSES

Design and Analysis of Algorithm, Data Structure and Algorithms, Discrete Mathematics and Graph Theory ,Web Programming, Structured and Object-Oriented Programming, Computer Architecture and Organization

TECHNICAL SKILLS AND INTERESTS

Skills- C++, C, Python, Java, JavaScript, HTML, CSS, React JS, OOPS, Verilog

Interests- Web Development, Full-Stack Development, Artificial Intelligence, Machine Learning,

EXTRA CURRICULAR

Lead Anchor, Riviera: Commanded the stage as the **lead anchor** at Rivera, 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.

Head Boy, 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.

