

# Ansh Gandhi

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GitHub: [Ansh Gandhi \(github.com\)](https://github.com/ansh-gandhi)

## EDUCATION

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| <ul style="list-style-type: none"><li>• <b>Vellore Institute Of Technology</b><br/>B.Tech, Computer Science; GPA: 9.3/10</li><li>• <b>Fatak High School</b><br/>12th Standard; Percentage: 88%</li><li>• <b>Sacred Heart Convent High School</b><br/>10th Standard; Percentage: 98%</li></ul> | <ul style="list-style-type: none"><li><b>Vellore, Tamil Nadu</b><br/>August 2022 - May 2026</li><li><b>Maharashtra</b><br/>March 2021</li><li><b>Maharashtra</b><br/>March 2019</li></ul> |
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## EXPERIENCE

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| <ul style="list-style-type: none"><li>• <b>UI/UX Intern</b>, - Edept, Maharashtra,India<ul style="list-style-type: none"><li>◦ 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.</li><li>◦ Conducted user research, wireframing, prototyping, and usability testing to ensure the tool met user needs and provided an intuitive, seamless experience.</li></ul></li><li>• <b>Events Head</b>, - Anchoring Club, Tamil Nadu,India<ul style="list-style-type: none"><li>◦ Spearheaded club events, ensuring seamless execution and high engagement.</li><li>◦ Collaborated with club heads for cohesive planning and resource alignment.</li></ul></li></ul> | <ul style="list-style-type: none"><li><b>June 2024 - August 2024</b></li><li><b>March 2024 - March 2025</b></li></ul> |
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## PROJECTS

- **Smart Home Security and Automation System**
  - Developed a face detection system using the YOLO AI model to automatically turn off lights when no faces are detected, optimizing energy efficiency by monitoring real-time camera input.
  - Created an alarm system that activates in "home away" mode upon detecting any face, enhancing home security by ensuring alerts in the presence of unexpected visitors.Technologies Used: **YOLO AI, React JS, Node JS, React Native, Vue JS**
- **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**
- **BCD CODE CONVERTER - To Convert BCD Code To Binary**
  - Engineered an innovative Python script that dynamically generates 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 behavioral-level Verilog code development. [Code Converter Link](#)Technologies Used: **Python, Verilog**
- **GPA Calculator - Automated Grade and GPA Calculation System**
  - Developed a user-friendly web application to automatically calculate GPA based on input grades and credits, simplifying the grade tracking process for students.Technologies Used: **HTML, CSS, JavaScript, NodeJS, ExpressJS**

## ACHIEVEMENTS

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| <ul style="list-style-type: none"><li>• <b>Student Of The Year Award</b>, Sacred Heart Convent HighSchool, Maharashtra -<ul style="list-style-type: none"><li>◦ Awarded Student of the Year for outstanding academic performance, leadership, and active participation in school activities.</li><li>◦ Showcased a well-rounded skill set by excelling in both academics and extracurricular pursuits, highlighting strong work ethic and dedication.</li></ul></li></ul> | <b>March 2019</b> |
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## CERTIFICATIONS

- **Microsoft Certified: Azure AI Fundamentals**

## 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.

## SKILLS AND HOBBIES

- **Skills:** Python, C/C++, SQL, JavaScript, NodeJS, HTML, CSS, ReactJS, ExpressJS.
- **Hobbies:** Chess, Badminton, Anchoring, Debate, Reading, Fitness.