



## Gunal Gupta

Student ID: 202111033

Computer Science and Engineering (CSE)

Bachelor of Technology (B.Tech)

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## EDUCATION

- Indian Institute of Information Technology, Vadodara ICD** 2021 - 2025  
*B.Tech in Computer Science and Engineering* CPI: 7.72
- Vidyasthali Public School** 2020 - 2021  
*Board of Senior Secondary Education, CBSE* Percentage: 85.4
- Vidyasthali Public School** 2018 - 2019  
*Board of Secondary Education, CBSE* Percentage: 92.8

## EXPERIENCE

- StockGro** August - October 2023  
*BigShot Intern* Bengaluru, Karnataka
  - Mobilized over more than 300 peers in college financially and significantly boosted financial awareness.
  - Implemented social investing concepts to real-world scenarios, attaining proficiency in portfolio management and risk-reward balancing.
  - Directed and coordinated a team of interns to orchestrate a high-profile Pan India event, resulted in a 40% increase in event registrations and significant brand exposure.

## PERSONAL PROJECTS

- Academic Plagiarism Detector: For Handwritten Assignments** November - December 2023  
<https://bit.ly/academic-project>
  - Developed a multi-tiered plagiarism detection system classified plagiarism levels, which significantly diminished manual review workload by 70% and provided comprehensive similarity scoring to uphold academic integrity.
  - Employed Digital Pattern Analysis, successfully generating unique digital fingerprints (UDP) from handwritten assignments via Histogram of Oriented Gradients (HOG), enhancing detection accuracy by 85%.
  - Pioneered the integration of Optical Character Recognition (OCR) technology, resulting in reliable extraction and comparison of textual data from images. Achieved a precision rate of 96% across varied handwriting samples, enabling the detection of subtle similarities and distinctions.
- Bank Hamara - Bank Management System** April 2023 - May 2023  
<https://github.com/GunalGupta/Bank>
  - Realized 30-40% improvement in banking operations by crafting a user-friendly Bank Management System
  - Leveraged Handlebars (50%), JavaScript (29%), and CSS (21%) for frontend development, and employed NodeJS, Express JS, and MySQL for backend development.
  - Adopted various libraries and frameworks, such as Bootstrap, jQuery, and Font Awesome, to amplify the website's functionality and aesthetics.

## POSITIONS OF RESPONSIBILITY

- Public Relations Lead**, Google Developer Student Clubs August 2023 - Present
- Joint Secretary**, StockOps - Finance Club of IITV-ICD January 2023 - August 2023
- Marketing Relations Co-head**, IITV Finance & Consulting Club July 2022 - June 2023

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C/C++, Python, Shell Scripting

**Web Development:** HTML, CSS, JavaScript, React.js, NodeJs, MySQL

**Frameworks:** Flutter, BootStrap, ExpressJs

**Tools or IDEs:** Git, GitHub, Selenium WebDriver, LaTeX, Canva, Microsoft Office, Android Studio, Visual Studio

**Coursework:** : Introduction to Data Structures, Design and Analysis of Algorithms, OOPS, DBMS, COA

## ACHIEVEMENTS

- Winner at CEO's Conference - Businesses Case Study Competition** February 2023
- NATIONAL SCIENCE OLYMPIAD** - International Rank: 1191 Oct 2017
- INTERNATIONAL MATHEMATICS OLYMPIAD** - International Rank: 650 March 2013