

Ayush Panwar

Bachelor of Technology
Thapar Institute of Engineering and Technology, Patiala

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🐙 GitHub Profile
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EDUCATION

- | | |
|---------------------------------------------------------|-------------------|
| • B.Tech in Computer Engineering | 2022-26 |
| Thapar Institute of Engineering and Technology, Patiala | CGPA: 9.11 |
| • 12th CBSE | 2020-22 |
| Peace Public School (PPS) | 93.6% |

PROJECTS

- **"Food Help" website** [Link](#)
A project to help user know more information about the product (calories, carbs etc..) and to buy them
 - Tech Stack - HTML, CSS, JavaScript, Canva.
 - Used HTML, CSS, and basic JS to model the front-end.
 - Pre-processed the data from internet and made use of various other sources (AI tools) for the desired information.
 - Linked the page to "big-basket" portal for product purchase.
- **"Covid-19 Awareness" website** [Link](#)
A project to track Covid-19 stats and to spread awareness about several safety measures.
 - Tech Stack - HTML, CSS, JavaScript, Canva.
 - Used HTML, CSS, and basic JS to model the front-end.
 - Rendered the information about number of cases per state using Node.Js as the backend.
- **"PDF-WORD" website** [Link](#)
A simple project to convert pdf to word format and word to pdf format.
 - Tech Stack - HTML, CSS, PYTHON(FLASK)
 - Used HTML and CSS to structure and design the webpage.
 - Used Python (Flask) for server-side logic, pdf2docx & docx2pdf Libraries for format conversion.

ACHIEVEMENTS

- **Solved 1000+ Algorithmic Problems**
Used platforms like - Codechef, Codeforces, Leetcode, Geeks for Geeks.
 - 🔗 Codechef Profile – 1056 Rated (1 star) [Link](#)
 - 🔗 Leetcode Profile – 1670 Rating [Link](#)
 - 🔗 Geeks for Geeks Profile – Institute Rank-1488 [Link](#)
 - 🔗 CodeForces Profile – Specialist (1458) [Link](#)
- Secured **7th rank at the district level** in Matriculation (ICSE boards 2020)
- Cleared **GATE 2025** with rank under 5000 in 3rd year.
- **Merit Scholarship- Thapar Institute of Engineering and Technology**
 - Awarded Academic Scholarship for ranking in the top 5% of students for two consecutive years

TECHNICAL SKILLS and INTERESTS

Languages: HTML, CSS, JavaScript, React.js, Node.js, C++, Python, Competitive Programming, Data Structure and Algorithms.
Network Simulation: GNS3, Cisco Packet Tracer.
Networking: Routing, Switching, VLANs, BGP, OSPF.
Databases: Relational Database, MySQL.
Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Computer Networks & Network Programming.
Areas of Interest: Web Development, Machine Learning & Data Science, Computer Networks.
Soft Skills: Problem Solving, Self-learning, Reasoning & Aptitude

POSITIONS of RESPONSIBILITY

- **Group Leader- Network Design & Simulation using GNS3- TIET** August 2023 – Jan 2024
 - Designed and simulated a complex **enterprise network** using GNS3. Implemented **firewalls and security policies** to enhance network security.
- **Group Leader- DBMS Project (Swimming Club Management System) - TIET** August 2023 – Jan 2024
 - Designed application to help swim clubs manage their day-to-day operations efficiently. Used MySQL, Oracle.