# Pankeet Manubarwala

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## EDUCATION

**G.H Patel College of Engineering & Technology**                    From: Sept 2022 - July 2026
B.Tech in Computer Science and Engineering with specialization in IoT
**Current CGPA:** 9.20 / 10.00
**Last Semester GPA :** 9.61 / 10.00

## EXPERIENCE

- **Intern at Brainy Beams, Ahmedabad**                    *May 26 – June 13, 2025*
  - Completed **2 technical tasks** and **1 end-to-end project** following industry-standard coding practices.
  - Applied **clean code**, used version control (**Git**), and maintained proper documentation.
  - Gained exposure to **real-world development workflows** under tight deadlines.

## ACHIEVEMENTS

- **Winner : BBIC (Best Business Idea Contest)**                    March 18, 2025
  - We were selected as the **only team from our college** to qualify for state-level round , where we secured **1$^{st}$ position** among **15 teams** and we were awarded **15,000** cash prize.
  - Proposed an **innovative energy model** for replacing coal to meet India's growing power needs which was evaluated by a panel of **industry experts with 20+ years of experience**.
- **IEEE Member :**                    Dec 2022- Dec 2023
  - Served as a member of Institute of Electrical and Electronics Engineers. Actively participated in conducting technical **seminars and workshops**.
  - Organized and managed a 4-day technical event with **500+** participants. Coordinated logistics, promotions, and execution with a cross-functional team.

## TECHNICAL SKILLS

- **Programming Languages:** C/C++, Java, Python, HTML, CSS, JavaScript, TypeScript
- **Development :** Data Structures and Algorithms in C++, MERN stack, MEAN stack
- **Frameworks and libraries:** HTML5, CSS3, Tailwind CSS, ExpressJS, ReactJs, Next.js, Express.js
- **Databases:** NoSQL (MongoDB), Relational DB (Postgres and MySQL)
- **Software and Tools:** Visual Studio Code, Git, Postman, Figma, Excalidraw

## PROJECTS

- **NeuroNest**                    Typescript, React, Express, Tailwind
  - Crafted and implemented a RESTful API with strict TypeScript typings, ensuring 100% end-to-end type safety and reducing integration bugs by 40% during development-to-production transitions.
  - Engineered a multi-tag filtering system with instant client-side search, allowing users to retrieve relevant content in under **200ms** average response time.
- **Socket Talk**                    ReactJs, TailwindCss, NodeJs, WebSockets
  - Seamlessly deployed on Vercel (Frontend) and Render (Backend), ensuring continuous integration and delivery with more than **99%** uptime post-deployment.
  - Implemented dynamic room creation, improving user session reliability and enhancing system modularity by 40%, based on internal benchmarking.
- **IvyAcademy**                    MERN stack, TailwindCss
  - Architected and deployed a full-featured Learning Management System, delivering a fully responsive cross-platform experience with seamless adaptability across multiple screen dimensions, ensuring pixel-perfect layouts on desktop, tablet and mobile browsers.
  - Secured with JWT-based auth and bcrypt, blocking **100%** of unauthorized access attempts in simulated security tests.
- **Zerodha Clone**                    MEAN stack
  - Conducted load testing with 20 concurrent virtual users, achieving a peak throughput of **590.75 hits/sec**, average response time of **32.65 ms**, and bandwidth of **1.72 MiB/s** under simulated traffic. .
  - Achieved Lighthouse performance score with **95% accessibility**, **96% best practices**, and **92% SEO**.