Tanishk Gupta

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</> Leetcode Profile
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EDUCATION

•**National Institute of Technology, Raipur** — *2025*
B.Tech in Electrical Engineering — CGPA: 7.96

•**Prayas residential school, Bilaspur** — *2019*
Board of Intermediate Education, CGBSE — Percentage: 79%

•**Jawahar Navodaya Vidyalaya, Jashpur** — *2017*
Board of Secondary Education, CBSE — CGPA: 10

EXPERIENCE

•**Mudra Event | Finance and Consulting Club** — *July 2023 - Aug 2023*
Frontend Developer — Raipur
  - **Led team of 4** to build sophisticated website for students for **easy access** to information about the club
  - Used Styled Components and **Design Libraries like Framer motion** to facilitate styling.
  - Interactive elements like online forms and forums, enhancing user **engagement by 20%**
  - Tools & technologies used: HTML, CSS, JavaScript, Tailwind, React, Three.js

PERSONAL PROJECTS

•**Multithreaded Proxy server** — ***Link***
*Proxy server to **handle multiple client requests**, with storing the response as **Cache*** — ⬡ Source code

  - Handled the requests using **semaphores, locks,** and an **HTTP parser**. Used **LRU cache, Linked Lists,** and different structs to achieve **Multithreaded behavior** and to avoid **RACE condition**
  - Achieved Parallel and **Concurrent behavior** of different **client requests** on Multiprocessor systems
  - Tools & technologies used: Multithreading and Processing, Socket Programming, C Language

•**FriendZone** — ***Link***
*Real-time chat app with **personalized chat rooms** for friends* — ⬡ Source code

  - Ensured **responsive UI** with **TailwindCSS**, **Google authentication** by **NextAuth**
  - Utilized **Pusher** for instant message delivery and **low latency** bidirectional communication
  - User can **add friends** and **send friend requests** via **email**, sensitive routes are protected
  - Tools & technologies used: Next.js, Tailwind CSS, Typescript, Redis

•**Portfolio Website** — ***Link***
*Responsive website with integrated **social** and **coding profile** links* — ⬡ Source code

  - Implemented **hamburger menu** for optimal cross-device compatibility and **CLI** for tech geeks
  - Leveraged **Framer Motion** to achieve **smooth scrolling**, enhancing user interaction and experience
  - Tools & technologies used: ReactJs, Framer Motion, DaisyUI, Javascript, Tailwind CSS

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++, Javascript, Typescript
Developer Tools: VS-Code, Git, Postman, Chrome Developer Tools
Frameworks: React.js, Express.js, Node.js, Next.js
Coursework: Operating Systems, Databases, Data structures and Algorithms
Soft Skills: Communication, Team Collaboration, Problem-solving, Analytical thinking

POSITIONS OF RESPONSIBILITY

•**Finance and Consulting Club** Core Tech Member, Developed a new website for FCC **serving 500+ peoples**

•**TEDxNIT Raipur** Core Coordinator of Public and Relations team, Organized speaker sessions

ACHIEVEMENTS

•**National Finalist** Among the top 15 teams in Indian Case Challenge held at IIT KGP — *January 2024*

•**Leetcode** Secured global rank of 684 in Biweekly Contest 126 — *March 2024*

•**CodeChef** Secured global rank of 664 in Biweekly Contest 126 — *January 2023*

•**Quiz Winner** Secured second rank in FIN-ACE 2.0 held at NIT Raipur — *February 2023*

•Solved **750+ DSA and Problem Solving** Questions on different platforms