



Navdeep Singh

Software Engineer

My Contact

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Technical Skills

- **Programming Languages:**
C++, Java
- **Data Structures and Algorithms:** C++.
- **Front End Web Development:** HTML, CSS, React.Js, JavaScript, Typescript, Tailwind.
- **Back End Web Development:** Node.Js, Express, Hono.
- **DevOps:** Docker, Git

Certifications

- TypeScript by Infosys, **Sept 2023**
- Data Structures and Performance by Coursera , **Jun 2024**

Extra & Co-Curricular Activities

- Class Representative, **2021-23**
- Winner of Inter hostel BGMI Tournament in CU, **Dec 2021**
- Winner of Modeling competition in Cognizance at IIT Roorkee, **Dec 2023**

Achievements

- Vice Head Boy, Christ Raja Convent School,

Hobbies and Interests:

E sports, Navigating Financial Markets

Career Objective

B.E in CSE, looking forward to work for an organization leveraging my abilities and knowledge in software development, and benefits for both professional and individual growth that would help foster my technical skills.

Education Background

Bachelors of Engineering in Computer Science,
Chandigarh University, Gharuan.
Session: 2021-present | CGPA: 8.03

Intermediate (CBSE) | Indus Public School, Haryana
Session: 2020-2021 | Percentage: 90.8%

Matriculation (ICSE) | Christ Raja Convent School,
Session: 2018-2019 | Percentage: 85.3%

Projects

Server-less Blogging Website:

Code

- Developed a blogging website like Medium.
- React in frontend, Cloudflare workers in backend
- Zod as validation, Jwt for authentication
- Typescript as language, Postgres as database
- Prisma as ORM , with connection pooling

NTA-NEET 2024 Ranking Scraper:

Code | Diagram

- Coded a script to scrape participants ranks
- Language used Typescript

Ai-Resume-Builder:

Code | Live

- Developed a website to build resume
- Tech Stack used:- ReactJs, Strapi, NeonDb
- API used:- Gemini
- AI generates summary based on job position

File Encryptor in C++

Code | Diagram

- Developed a C++ code to encrypt and decrypt file
- Used Queue data structure for process management
- Other concepts used:- file/string streams, unique pointers