

Manjot Singh

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EDUCATION

Dr. B. R. Ambedkar National Institute of Technology
B.Tech in Electronics and Communication Engineering

SKILLS

- **Languages:**C++,Python,Javascript,SQL,Typescript
- **Front-end Frameworks:**React.js,Next.js
- **Back-end Frameworks:**Express.js,Node.js,Nest.js
- **Areas of Interest:**Web Scraping,Automation,WebRTC,Devops,Cybersecurity

PROJECTS

[Nitj.shop:](#)

- **Description:** A campus-wide online marketplace where students can easily buy, sell, or trade items with fellow classmates.
- **Tech used:** Built using Next.js as a full-stack framework, integrated with Cloudinary for media management, implemented image compression for performance optimization, and enabled Google OAuth via GCP for secure authentication.

[Pink player:](#)

- **Description:**A free music app to listen to music from virtually any platform.
- **Tech used:**Electron, React, Express.
- **Working:**Used `yt-dlp` to get stream URLs and implement user search, then proxied them to a custom server to modify the requests.

[Triberry:](#)

- **Description:**MVP for my startup where people can collaborate, make confessions, or blog, post gigs.
- **Tech used:**Nest.js, Next.js, Prisma, Docker, Vercel, Azure,Typescript,Mongodb pipelines
- **Working:**Full-stack flow: Nest.js APIs, Next.js UI, Prisma-powered DB, containerized with Docker, launched on Vercel and Azure.

ACHIEVEMENTS

- Cleared NTSE stage 1
- 95 % in 10th std
- 93 % in 12th std
- Solved 200+ problems on Leetcode and GFG

