



Rohit Kannan

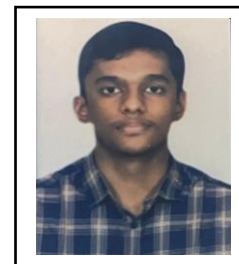
B.Tech – Computer Science and Engineering

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Educational Qualification

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2023-Present	B.Tech- CSE	NIT, Trichy	9.05
2023	Class XII	Devi Academy Senior Secondary School, Chennai, CBSE	96.6%
2021	Class X	PSBB Millenium, Gerugambakkam, Chennai, CBSE	95.4%

Academic Achievements

- Represented my school in a inter-school science competition (2017) and won **1st place**.
- Stood among the **top 3** of Devi Academy School students in **AISSCE 2023**.
- Secured a **rank of 2615** (99.78 %ile) in JEE Main 2023 and a **rank of 9325** in JEE Advanced 2023.

Projects

- ShareSpace** : MongoDB, ExpressJS, ReactJS, NodeJS, TailwindCSS, Cloudinary, Socket.io, JWT, Passport.js (Dec 2024)

A full-stack multi-purpose web application featuring real-time **peer-to-peer and group messaging**, real-time **collaborative document editing**, and **file storage, management**, and sharing. Leveraged **web sockets** to implement seamless real-time communication and collaborative functionality, enabling efficient user interaction. Implemented a secure **authentication system** using JWT and integrated **Google OAuth**.

- VENTTREE** : MongoDB, ExpressJS, ReactJS, NodeJS, TailwindCSS, Cloudinary, JWT (Nov 2024)

A full-stack **B2B supply chain management application** that enables tracking across eight checkpoints. The platform includes an **admin panel for user management**, a vendor dashboard for accepting or declining orders, and a customer interface for placing orders, viewing order history, payment gateway and **tracking order status** through an **interactive flowchart**. The application incorporates **authentication mechanisms** to ensure secure user interactions.

- **R-Beats:** *MongoDB, ExpressJS, ReactJS, NodeJS, Cloudinary, Socket.io, Express sessions, TailwindCSS* (July 2024)

A **music streaming (CRUD) application** with features for users to listen to songs, create public and private playlists, generate random playlists, and send friend requests. Integrated **real-time updates using web sockets**, allowing users to see the songs their friends are currently playing. The platform also enables artists to log in and upload songs. Implemented **authentication** to ensure safe access for users and artists.

- **Zombie Apocalypse:** *HTML, CSS, Javascript, Canvas API* (June 2024)

Developed a **zombie shooter game** using **object-oriented programming** in JavaScript, where players shoot zombies, advance through rounds, and collect power-ups. Implemented a leaderboard with a point system to enhance competitiveness and engagement.

Technical Skills and Certifications

- Programming Languages : C, C++, Javascript, HTML, CSS
- Engineering Software : Postman, NodeJS, Cloudinary
- Other Software : Git, GitHub, Microsoft Word, PowerPoint, Excel, Visual Studio
- Frameworks/Libraries : ReactJS, ExpressJS, TailwindCSS, Socket.io
- Databases : MongoDB (Mongoose ODM), MySQL
- Others : Passport.js, JWT

Positions of Responsibility

- **Coordinator, Marketing Team, NITTFEST:** *Jan 2024 – Aug 2024*
Worked as a Coordinator of Marketing Team of NITTFEST '24, the annual inter-departmental fest of NIT Trichy. As a part of Marketing team, I was specifically involved in speaking to several company representatives, convincing them to partner with NITTFEST '24, and negotiating the agreements.
- **WebOps Team, KADAL, NIT Trichy:** *Sep 2024 – Oct 2024*
Worked as a Web Developer at a startup incubated by NIT Trichy, where I designed and developed a sleek, user-friendly website (kadal.co.in) leveraging **ReactJS** and **TailwindCSS**. Focused on creating a clean interface to enhance user experience while maintaining responsiveness of the website.
- **Class Representative, NIT Trichy:** *Aug 2023 – Dec 2023*
Assisted peers and professors by addressing their requirements and handled the responsibility of communicating between students and faculty. Ensured smooth coordination to facilitate classes, scheduled activities, and labs, ensuring they were conducted as per plan.

Extracurricular Activities

- A volunteer under the **NSS programme**, NIT Trichy, which aims at providing community engagement and social responsibility.
- Was a part of my school's **U-14 Tennis Team** and represented my school in several inter-school tournaments.