

# YASH SINGH

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## Education

### KIET Group of Institutions

Nov 2022 – Present

Bachelor of Technology in Information Technology

Ghaziabad, India

- Coursework: Data Structures and Algorithms, Operating Systems, Database Management Systems

### CERTIFICATIONS

- Full Stack Developer  
(Linkdin)

## Experience

### Qualityveda — Freelancer

Jan 2025 - Mar 2025

- Built a fully responsive private chat application with secure user authentication using Firebase Authentication and protected routes via React Router DOM.
- Technologies used: React.js, Firebase Authentication, React Router, Tailwind CSS, responsive design, state management, secure routing, UI/UX optimization.

## Projects

### Thumblify – Video Sharing Platform (React, Node, MongoDB)

- Developed a full-stack TypeScript web application that generates AI-powered YouTube thumbnails with customizable text, colors, templates, and smart design tools.
- Built a responsive React frontend and Node.js/Express backend with secure APIs and cloud-based image storage.
- Automated thumbnail optimization and editing features, reducing design time and helping creators produce professional visuals efficiently.

### Quick Chat – Real-Time Chat Application (MERN, Socket.io, JWT)

- Built real-time chat application using React, Node.js, Express.js and MongoDB with full-stack architecture and scalable modular code structure.
- Implemented instant messaging using Socket.IO, enabling bi-directional communication between client and server with minimal latency and persistent connections.
- Designed secure user authentication system using JWT tokens, password hashing, and protected API routes to prevent unauthorized data access. Built responsive modern user interface using Tailwind CSS, ensuring smooth experience.

## Technical Skills

Languages: JavaScript, Java, Python, C, C++

Web Technologies : HTML5, CSS3, Ajax, Express.js, Node.js, React.js, Redux, Tailwind CSS

Platforms & Tools: Git, GitHub, VS Code, Postman

DataBase: MongoDB Atlas, SQL, MySQL,

Soft Skill: Leadership, Problem Solving, Writing, Public Speaking, Time Management, Analytical thinking

## Position & Responsibilities

### NSCC — Member

May 2023–Nov 2023

- Web Development Classes: Conducted 4-5 month classes for juniors on HTML, CSS, JavaScript, React.js, package managers, APIs, and Git/GitHub, supporting practical learning and growth.

## Achievements

- IEEE - Comprehensive System for Mental Health Monitoring and Support.
- InnoTech - Advanced Platform for Continuous Mental Health Monitoring and Support Services.
- SIH - Advanced Platform for Continuous Mental Health Monitoring and Support Services