

BHARAT KHATWANI

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EDUCATION

IPS Academy, Indore

Nov 2022 – June 2026

B.Tech in Computer Science and Engineering (AI & ML)

CGPA: 8.7 / 10

Technical Skills

Programming Languages: JavaScript, TypeScript, Java

Frontend Development: React.js, HTML, CSS, Tailwind CSS

Backend Development: Node.js, Express.js, REST APIs, Firebase Authentication

Database Management: MongoDB

Tools & Technologies: Git, Postman, Firebase Console, Visual Studio Code (VS Code)

Projects

URL Shortener [GitHub](#) — [Live Demo](#) **Tech Stack:** MERN (MongoDB, Express.js, React, Node.js), Tailwind CSS

- * Built a full-stack URL shortening platform with user authentication, link analytics, and redirection logic.
- * Engineered secure RESTful APIs with Express.js and MongoDB to handle link creation and access.
- * Designed a responsive UI with Tailwind CSS and React, ensuring cross-device compatibility.

Secure File Sharing API [GitHub](#) — [Live Demo](#)

Tech Stack: Express.js, MongoDB, JWT, REST API

- * Developed a backend service to upload and share files securely via tokenized access links.
- * Implemented JWT-based route protection to ensure secure, authenticated file access.
- * Used MongoDB for managing file metadata, enabling efficient access and sharing history.

QuickTalk Chat App [GitHub](#) — [Live Demo](#)

Tech Stack: React, Firebase, Tailwind CSS

- * Built a real-time chat app with Firebase Auth and Firestore for user messaging and chat history.
- * Integrated secure login and automatic user session management.
- * Crafted a responsive and intuitive chat interface using Tailwind CSS and React.

Experience

College Event Website [Live Demo](#) — [View Code](#)

July 2024 – August 2024

- * Developed a dynamic event registration website for college events, serving 500+ users.
- * Integrated Firebase for real-time database and authentication; implemented auto-confirmation email system.
- * Designed responsive UI using React and Shadcn UI with a mobile-first approach.

Achievements

- Solved 360+ problems on [LeetCode](#), focusing on Data Structures and Algorithms.
- Completed 200+ coding challenges on [GeeksforGeeks](#), enhancing problem-solving skills.
- Developed a responsive website to track flight crash approach during a college mini hackathon.