

Vedant Ere

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TECHNICAL SKILLS

JavaScript, C++, ReactJS, NodeJS, ExpressJS, MongoDB, SQL TailwindCSS, GitHub, HTML / CSS, Web Sockets, REST APIs, JWT, Firebase

PROJECTS

Investify | React, Node.js, JWT

Dec 2024

- Contributed in a simulated stock trading platform with 500+ trades processed in real-time.
- Built a custom order matching algorithm inspired by NSE/BSE principles using priority queues and implemented trading APIs using Node.js and Express.
- Developed 8+ REST API endpoints for learning and user data management.
- Enabled trading across 200+ companies with price updates every 60 seconds; real-time price and chart updates implemented with Socket.IO.
- Implemented JWT-based authentication for 100+ test users.
- Designed 5+ interactive React pages to enhance user experience.

Playlist-Bridge | Node.js, Express, REST API, Vanilla CSS

Jun 2025

- Developed and **deployed** a full-stack web app that converts any public Spotify playlist to corresponding YouTube video links.
- Integrated Spotify and YouTube Data APIs to extract track metadata and perform real-time video search and mapping.
- Enabled live conversion tracking with responsive UI and export options in TXT, CSV, and JSON formats.
- Designed secure API communication with environment-managed credentials and no-login access for public playlists.
- **Live Demo:** `playlist-converter-nine.vercel.app`

Bookish | React.js, React Router, Tailwind CSS

Jun 2024

- Built a dynamic frontend for a book e-commerce platform with category browsing, product detail pages, and cart functionality.
- Implemented variable pricing and real-time cart state management using React context and component-based architecture.
- Integrated seamless navigation using React Router with responsive design powered by Tailwind CSS.
- Optimized user experience with conditional rendering, hover states, and intuitive layout for mobile and desktop views.

EXTRA-CURRICULAR

- **Core Technical Team Member, D2C Igniters** Conducted Prototype to Perfection, a website design competition where participants replicated provided prototypes into fully functional, hosted sites.
- **Runner-up** in MUN by Govt College of Engineering, Nagpur demonstrating strong skills in debate, diplomacy, and leadership. Participated in committee-level discussions simulating real-world political and humanitarian issues.

EDUCATION

VIT Bhopal University : **CGPA: 8.78**

Nov 2022 – Present

Bachelor of Technology in Computer Science and Engineering

Tip Top Convent, Nagpur

July 2022

Senior Secondary (XII)

Tip Top Convent, Nagpur

April 2020

High School (X)