AJIT KUMAR

Phagwara, Punjab

📞 +91-9780346314 ✉ ajitofficial7070@gmail.com 🔗 linkedin.com/Ajit ⌗ github.com/Ajit

PROJECTS

Portfolio ⬈ | GUI Application- Tailwind ,EmailJS ,ReactJS — **Mar 2025**

- **Developed and deployed a fully responsive portfolio website** using **React.js** and **Tailwind CSS**, ensuring cross-device compatibility and delivering a modern, clean user interface.
- **Implemented reusable components** such as Navbar, Projects, Skills, and Contact Form, efficiently managing UI state with **React Hooks (useState, useEffect)** for seamless user interaction.
- **Optimized website performance** by incorporating **lazy loading, code splitting, and semantic HTML**, improving page load speed and adhering to SEO best practices for enhanced visibility.
- **Deployed on Vercel with custom domain integration**, configured **EmailJS** for direct contact form submissions, and maintained codebase using **Git and GitHub** for version control and continuous deployment.

Real Time Chat App ⬈ | ReactJS ,Tailwind ,NodeJS ,ExpressJS ,MongoDB ,Socket.IO — **Feb 2025**

- **Engineered a real-time chat application** using the **MERN stack (MongoDB, Express, React, Node.js)** and **Socket.io**, supporting over **500+ concurrent users** with low-latency communication.
- **Optimized WebSocket connections** via **Socket.io**, enabling real-time messaging, typing indicators, and image sharing with an average message delivery time under **100ms**.
- Leveraged **Zustand** for managing application-wide state, reducing unnecessary re-renders by **30%**, and ensuring smooth handling of user sessions, chat room data, and message streams.
- Implemented secure authentication using **JWT tokens** and stored over **10,000+ chat messages** in **MongoDB**, ensuring data persistence, encryption, and reliable message retrieval.

Wonderlust ⬈ | Responsive Web Application- Bootstrap ,NodeJS ,ExpressJS, MongoDB — **Dec 2024**

- **Improved and deployed a full-stack hotel booking platform** called **Wanderlust** using **Node.js, Express, MongoDB, and Bootstrap**, enabling users to browse, book, and host rooms seamlessly.
- executed secure **Stripe Payment Gateway**, facilitating smooth and reliable online transactions, handling over **100+ successful payments** with encrypted payment processing.
- Applied robust user authentication and session management using **Passport.js**, supporting secure login, registration, and authorization workflows across the platform.
- created scalable backend APIs with RESTful architecture, managing room listings, bookings, and user profiles, while storing and handling over **1,000+ records** in **MongoDB**.

Youtube Scrapper ⬈ | Responsive Web Application- Tailwind ,ReactJS — **July 2024**

- **Designed a YouTube video data scraper** using **React.js** and **Tailwind CSS**, providing a clean UI for users to input video URLs and retrieve detailed information.
- Integrated the official **YouTube Data API** to fetch video details such as title, channel name, views, likes, and upload date in real-time.
- Executed efficient URL parsing and error handling to ensure accurate data retrieval, improving reliability and user experience.
- created a fully responsive interface with **Tailwind CSS**, ensuring seamless usability across devices and enhancing accessibility.

TECHNICAL SKILLS

Languages: Java, JavaScript
Developer Tools: VS Code, GitHub, Render, Netlify
Technologies/Frameworks: HTML5, Bootstrap, CSS, Tailwind, ReactJS, NodeJS , ExpressJS, MongoDB, MySQL
Coding Platforms: LeetCode, Geekforgeeks

CERTIFICATIONS

- MERN Stack - Apna College

EDUCATION

I.K Gujral Punjab Technical University — **2021 − 2025**
*B.Tech - Computer Science and Engineering - **CGPA** - **7.0*** — *Jalandhar, Punjab*

T.W.E.I.SN.SEC.SCHOOL — **2019 − 2020**
*INTERMEDIATE (XII) - **Percentage** - **88%*** — *Phagwara,Punjab*