

Prabhdeep Singh

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EDUCATION

Higher Secondary Education

Xth - 86.4% XIIth - 75%

Ramjas International School, Delhi, India

2022

Bachelor of Technology - Information Technology

Current GPA - 8.0

GGSIU, Delhi, India

2022-2026

PROJECT/EXPERIENCE

Full-Stack Stock Monitoring Tool | React.js, CSS, Bootstrap, Node.js, Express.js, and MongoDB

- Designed and developed a landing page using HTML, CSS, Bootstrap, and React.js to showcase features of the stock monitoring tool.
- Built a user dashboard with React.js for portfolio overview, watchlist, and order management, displaying hardcoded stock market data in a structured format.
- Implemented **JWT-based authentication and authorization**, including secure login/signup, token generation, and protected API routes using Node.js and Express.js
- Created RESTful APIs in Node.js and Express.js for user accounts, orders, and portfolio management.
- Integrated MongoDB database to store user profiles, holdings, and transactions.
- Structured backend with modular routes and middleware, ensuring scalability and clean code practices.

Movie Discovery App | React.js, Redux Toolkit, Sass, Vercel Serverless, Gemini API

- Architected a responsive Single Page Application (SPA) using React JS and Redux Toolkit for efficient, centralized state management.
- Engineered a secure AI Chatbot feature utilizing Vercel Serverless Functions to proxy API calls and protect the confidential Gemini API Key.
- Integrated the Google Gemini API for real-time, conversational recommendations, enhancing user engagement and content discovery.
- Implemented robust data fetching logic using Axios to retrieve real-time movie and TV show data from the TMDB API.
- Optimized user experience with features including Infinite Scroll, Lazy Loading for images, and responsive design using Sass and CSS.

ACTIVITIES/ACHIEVEMENTS

- Participated in hackathon: VIHAAN007 organized in Delhi Technological University.
- Participated in NEXUS Hackathon at Guru Tegh Bahadur Institute of Technology (GTBIT).
- Active member of SWAAS Ecotech Society at Guru Tegh Bahadur Institute of Technology, contributing to tech and eco-initiatives.
- Participated in GTBIT sports meet in football and badminton; secured 2nd place (runner-up) in football.
- Assisted in organizing a 2-day hackathon at GTBIT, managing funds, arrangements, and smooth execution of all events.

TECHNICAL SKILLS

Languages: Java, JavaScript, HTML/CSS,

Frameworks: React.js, Node.js, Express.js, Bootstrap

Databases: MongoDB

Concepts/Tools: RESTful APIs, Git, GitHub, VS Code, MS Office

Relevant Courseworks: Object-Oriented Programming (OOPS), DSA, DBMS

CERTIFICATES

- Data Structures and Algorithms
- Fundamentals of Web Development by IBM SkillsBuild
- Nexathon participation (Hackathon Organized by GTBIT)