

RITIK SINGH

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Portfolio

Technical Skills

Frontend: HTML, CSS, Javascript, React.js, TailwindCss, Redux.js, React-Router.js, Express.js, Responsive Web Design, Component-Based Architecture

Backend: Node.js, MongoDB, Bootstrap, Laravel, JWT/JsonWebToken, NodeMailer, Node.js, Git, GitHub, Version Control, RESTful API Development, Postman

Deployment & Hosting : Netlify (Frontend Deployment), Render (Backend Deployment), Environment Variable Management

Experience

Future Finder

June 2025 – May 2025

Mohali, Punjab

Full-Stack Intern

- Enhanced and delivered 3+ web application features, working across frontend and backend components using **JavaScript** and **Node.js**
- Built, tested, and debugged **10+ RESTful API endpoints** and UI issues, improving application stability and functionality.
- Collaborated with a cross-functional team using **Git/GitHub**, participating in code reviews, issue tracking, and daily development updates.

Projects

Pluto Play | React.js, TailwindCss, Redux.js, Node.js

[GitHub](#) | [Live](#)

- Engineered a video streaming web application using **React** and **Redux**, implementing 5+ key interface components such as video feed, search, and live chat.
- Optimized application performance by **caching API responses** for 20+ visited videos, **reducing redundant network requests** and improving load efficiency.
- Designed and implemented a **live chat system** with controlled state updates, limiting messages to the most recent 15 entries to prevent UI freezes and maintain smooth rendering.

Stream-GPT | Render, Express.js, React.js, Bootstrap

[GitHub](#) | [Live](#)

- Created an **AI-powered movie recommendation** application using **React**, implementing 4+ core UI components including search, recommendations, and movie listing views.
- Developed **prompt engineering** strategies for movie recommendations that improved **click-through rate of suggestions by 8%**, while ensuring relevant and varied movie options.
- Optimized frontend performance** by managing state updates and API responses efficiently, ensuring smooth UI rendering during repeated searches.

Portfolio Website | MongoDB, Node.js, Render, Framer Motion

[GitHub](#) | [Live](#)

- Architected and designed a **full-stack personal portfolio** website featuring 4+ core sections including projects, skills, and contact information.
- Implemented backend APIs using **Node.js** and **Express.js** to handle 10+ form submissions and data requests, storing data securely in **MongoDB Atlas**.
- Deployed and managed the application in a production environment by **hosting the frontend on Netlify** and **backend services on Render**, ensuring reliable access and separation of concerns.

Education

Chandigarh University

June 2025

Bachelor of Science in Computer Science And Engineering

Mohali, Punjab

- Relevant Coursework:** Database Management Systems, Operating Systems, Computer Networks, Software Engineering, Python.