

AVINASH B

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PROFILE SUMMARY

Frontend Developer leveraging expertise in **HTML, CSS, JavaScript, Bootstrap, Tailwind CSS, React.js, Redux, and Git** to develop responsive and high-performance web applications. Currently advancing backend skills in **Node.js, Express, MongoDB, and SQL** to strengthen full-stack capabilities. Eager to contribute as a **Frontend Developer, React Developer, Web Developer, or UI Designer** by delivering innovative and user-focused solutions.

SKILLS

- **Frontend Development:** React.js, Redux Toolkit, JavaScript (ES6+), HTML5, CSS3, Bootstrap, Tailwind
- **State Management & Optimization:** Redux, Context API, React Hooks, Virtual DOM, Lazy Loading, API Caching
- **Development Tools:** Git, GitHub, VS Code, Webpack, Babel, Postman, NPM
- **Performance & Debugging:** Chrome DevTools, Lighthouse, Performance Profiling

PROJECTS

Movie Database App | *React.js, JavaScript, HTML, CSS* [Live Demo](#) | [GitHub](#) | 02/2025

- **Engineered** a responsive movie search platform using **React.js** and **JavaScript**, increasing content accessibility by **40%**.
- **Optimized API fetching** with caching mechanisms in **JavaScript**, reducing data retrieval latency by **35%**.
- **Enhanced performance** by implementing **React.memo**, **lazy loading**, and **code splitting**, cutting load time by **30%**.
- **Developed and optimized** search filters and sorting algorithms using **JavaScript**, decreasing query response time by **40%** and enhancing search precision.

E-Commerce Web App | *React.js, JavaScript, HTML, CSS* [Live Demo](#) | [GitHub](#) | 01/2025

- **Built** a fully responsive **e-commerce platform** using **React.js, JavaScript, and CSS**, improving checkout speed by **30%** and enhancing user engagement.
- **Refactored** React state management with **Context API**, reducing component re-renders by **40%** for improved application efficiency.
- **Implemented** real-time search, a persistent shopping cart with **localStorage**, and **Axios API** integration, boosting data retrieval efficiency by **25%**.

Notes App | *React.js, JavaScript, HTML, CSS, Local Storage* [Live Demo](#) | [GitHub](#) | 12/2024

- Created a feature-rich **Notes App** using **React.js** and **JavaScript**, enabling efficient note organization and retrieval.
- **Integrated** auto-save, real-time note editing, and keyword search with **React.js** and **Local Storage**, enhancing efficiency and user engagement.
- **Leveraged Local Storage** for **100% data persistence**, ensuring notes remain intact after page refresh and improving usability.

CERTIFICATIONS

- **MERN Stack Development (Ongoing)** – JSpiders, Marathahalli **Expected 04/2025**
- **The Complete JavaScript Course** – Udemy **01/2024**
- **Core Python Programming** – Apollo Computer Education, Dharmapuri **02/2023**

EDUCATION

Bachelor of Computer Applications (BCA) **05/2024**

Government Arts College, Dharmapuri, Tamil Nadu

Higher Secondary Certificate (HSC) **05/2021**

Government Boys Higher Secondary School, Krishnagiri, Tamil Nadu

Secondary School Leaving Certificate (SSLC) **03/2019**

Government Boys Higher Secondary School, Krishnagiri, Tamil Nadu