RUPINDER PAL SINGH

FULL STACK WEB DEVELOPER

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Objective

Full-Stack Developer experienced in Next.js, React.js, Node.js and TypeScript focused on building scalable, high-performing applications. Strong in frontend architecture, backend API development, and clean, maintainable code. Skilled at collaborating across teams and delivering features from concept to production. Actively integrating AI technologies—OpenAI APIs, embeddings, vector databases, and RAG workflows—to create intelligent, user-focused functionality.

Skills & abilities

FRAMEWORKS: Next.js,Nest.js, React.js, Tailwind CSS.
WEB TECHNOLOGIES: HTML5, CSS3, JavaScript, TypeScript.
BACKEND TECHNOLOGIES: Node.js, NestJS, Express.js.
DATABASES: PostgreSQL, MongoDB.
AI & MACHINE LEARNING: OpenAI API, Vector Databases (Supabase), RAG pipelines, Embeddings, Github Copilot.
VERSION CONTROL: Git, GitHub, GitLab, Bitbucket.

Experience

LGS – IBM – BELL

Senior Full Stack Developer | Canada | April 2025 – Present

Front End Developer | Canada | January 2022 – March 2025

- **Designed and implemented key front-end features** for Bell's e-commerce website **React.js**, improving the website's performance and responsiveness by optimizing components and reducing load times by 20%.
- **Refactored legacy code** by introducing **Redux Toolkit** for state management, simpl complex workflows and reducing code redundancy across multiple components.
- **Led the integration of RESTful APIs** with the front end, ensuring seamless data flow improving the efficiency of product filtering, cart management, and checkout funct
- **Enhanced website performance** by implementing **lazy loading**, **code splitting**, and **Tailwind CSS classes**, significantly improving **Core Web Vitals** metrics for SEO and u experience.
- **Collaborated directly with the QA team to implement automated tests** using **Jest** **Cypress**, reducing production bugs by 30% and improving release cycles through co testing and feedback.

ENRAGE TECH – MULTIPLE CLIENTS

Front End Developer | India | Jun 2015 – Sep 2018

- **Developed responsive web pages using HTML, CSS, and JavaScript**, ensuring comp across different browsers and devices to improve user experience.
- **Built reusable components using React.js** to streamline the development process a reduce repetitive code across multiple pages in the project.
- **Collaborated with back-end developers to integrate RESTful APIs**, ensuring seamle flow and dynamic content rendering on the front end.
- **Fixed front-end bugs and optimized UI performance**, improving page load times by identifying and addressing inefficient code and unused assets.

Education

COLLEGE LASALLE

Montreal, QC | AEC IT PROGRAMMER ANALYST

#Web_Development, #Nodejs, #React, #MongoDB, #GIT etc.

GURU NANAK DEV UNIVERSITY

Amritsar, PUNJAB | BACHELORS IN COMPUTER SCIENCE

#Object_Oriented_Programming, #Databases, #Web_Development etc.

GITHUB | PORTFOLIO | LINKEDIN