

Harjobanpreet Singh Sidhu

Web Developer | Software Engineer

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PROFESSIONAL SUMMARY

Results-driven Web Developer with 2 years of hands-on experience in building, deploying, and optimizing full-stack web applications, including e-commerce platforms, custom video-streaming sites (e.g., Deep Seek and YouTube clones), and corporate websites. Proficient in modern web technologies such as HTML, CSS, JavaScript, React, and Next.js, with a solid grasp of RESTful APIs, third-party integrations, and payment gateways like Stripe. Experienced in cloud infrastructure, having deployed applications on AWS, Google Cloud, and VPS environments with domain configuration and performance management via Cloudflare. Skilled in version control using Git/GitHub and committed to building scalable, maintainable, and secure web solutions that align with business goals and user needs.

TECHNICAL SKILLS

PROGRAMMING LANGUAGES	C, C++, JavaScript, HTML5, CSS3, Java, Python
WEB TECHNOLOGIES	React JS, REST API, Sass, Redux, Node JS, Express JS, PHP, WordPress, CSS, MERN, Tailwind, jQuery, AJAX, MVC, Full-stack, Next JS, TypeScript, JSON, Stripe
DBMS (DATABASE MANAGEMENT)	MySQL, MongoDB, PL/SQL, PostgreSQL, Google Cloud
TOOLS AND OTHER SKILLS	GitHub, VS Code, Linux, Troubleshooting, Oracle, MS Office Kubernetes, Data Analysis, Unix, Web security, Cloud technology (Azure), AI and Machine Learning, Selenium
INDUSTRY SKILLS	Agile methodology (SCRUM), CI/CD practices, SDLC, Shell scripting, Systems development, Debugging, AWS

EDUCATION

Bachelor of Computer Information System

(2022 - 2025)

University of the Fraser Valley

- GPA: 4.23 out of 4.33
- Concentration in Software Development
- Published research with professors

CERTIFICATES

- React Advanced – Udemy
- Node.js Developer – Udemy
- NextJS Advance – Udemy
- Full-stack Developer – LinkedIn Learning

PROJECTS

Seabird Curriculum Website, Educational website

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

- Developed a secure and interactive educational website for teachers and students, ensuring valid authorization for accessing recorded videos, stored documents, and various resources.
- Utilized AWS for efficient video storage and implemented Redux Toolkit for effective state management and seamless user experience.
- Worked closely with a graphic designer using Figma to craft the website's design and collaborated with professionals from Seabird and UFV to deliver a comprehensive educational platform.

Deepseek Clone, An AI Tool for quick answers

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

- Built a full-stack Deepseek AI clone using Next.js, featuring real-time AI chat, persistent chat history, and dynamic sidebar navigation for seamless user experience.
- Integrated Clerk authentication with webhook support to automatically sync new user data into MongoDB Atlas, ensuring secure and scalable user management.
- Leveraged the Deepseek API for live AI responses and deployed the application with full version control via GitHub, showcasing skills in authentication, API integration, and modern web architecture.

VidTube, A YouTube clone (Frontend and Restful API)

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

- Developed a responsive YouTube clone using React.js, integrating the YouTube Data API to fetch real-time video content and display live statistics such as views, likes, and upload info.
- Recreated a clean, intuitive video browsing and playback interface that closely mimics YouTube's UX, including dynamic routing, search functionality, and video detail pages.
- Strengthened frontend development skills by managing API data flows, optimizing component structure, and implementing real-time UI updates using React hooks and state management.

VOLUNTEER EXPERIENCE

Research Assistant (Published Research - IEEE), UFV

(MAR 2024 – AUG 2024)

- Published research under IEEE, focusing on AI-driven optimization for urban and vertical agriculture planning.
- Collaborated with team members to develop and train a Generative Pre-trained Transformer (GPT) model using Spiking Neural Network (SNN) methodology for advanced data analysis.
- Conducted independent research on machine learning algorithms, data analysis techniques, and AI concepts, contributing insights and recommendations for project enhancements.

PROFESSIONAL EXPERIENCE

Head Cashier, Home Depot

(MAR 2023 – PRESENT)

- Made decisions to run the business and was responsible for Front-end operations.
- Trained and supervised Cashiers, including those in all remote cashier locations, and Lot Associates.
- Delivered outstanding service to both external and internal customers by ensuring efficient Front End and Remote Cashier operations.
- Handled customer complaints in a professional manner.

Teaching Assistance, UFV

(SEPT 2022 – APR 2025)

- Provided guidance and support to students in software development labs, covering programming languages such as Java, C++, and C.
- Delivered explanations on data structures, algorithms, object-oriented programming, and database management concepts.
- Evaluated student performance, provided constructive feedback, and facilitated discussions to enhance problem-solving skills.