Dilraj Randhawa

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SUMMARY

Full-Stack Developer (entry-level) with hands-on experience building web applications. Developed an inventory management system using React, Node.js, and PostgreSQL that streamlined supply tracking, and created a responsive e-commerce site that reduced page load time by 40%. Skilled in JavaScript, Typescript, C#, Python, cloud services, and Agile collaboration. Eager to leverage these abilities to deliver high-quality solutions as a software engineering intern.

Work Experience

International Longshore and Warehouse Union   Oct 2014 - Present
Union Worker   *Surrey, BC*
- Loaded and unloaded cargo from ships, handling containers, bulk goods, and other items with cranes and forklifts while following safety protocols, which kept vessel turnaround on schedule and resulted in zero injury incidents
- Operated specialized equipment-including cranes, forklifts, and tractor-trailers-to move cargo across the dock, ensuring smooth workflow and preventing equipment downtime, which supported continuous operations during peak shifts
- Responded to emergencies such as accidents, spills, and equipment failures as a certified first-aid attendant, providing immediate care and containment that minimized downtime and protected crew safety
- Handled hazardous materials by following OSHA-approved procedures and using proper containment equipment, ensuring regulatory compliance and preventing any safety incidents

Relevant Projects

Jargon | jargon-app.ca/   Sep 2025 - Dec 2025
- **Jargon** is a web-based project focused on **simplifying jargon** by translating complex, industry-specific terms into **clear, plain-language explanations**. The goal is to help users quickly understand unfamiliar terminology, whether it comes from tech, healthcare, business, education, or other fields without needing prior background knowledge.

Money Monsters | moneymonstersv2.onrender.com/   Jan 2025 - May 2025
- Built a full-stack goal-tracking web app for children, allowing users to complete tasks, earn virtual currency, and save toward goals, with parent-linked accounts and dynamic progress tracking using Node.js, EJS, and JavaScript.

CineHub | https://cinehub-h3qq.onrender.com/   Jan 2024 - Jun 2024
- Developed CineHub, a React-based movie discovery app that integrates TMDB's REST API with multiple pages and dynamic content.

EDUCATION

British Columbia Institute of Technology (BCIT)   2023 - 2026
Full Stack Development Diploma, Front End Web Development Certificate, Coding Classes in Python/C++
- **Achievements:** Graduated With Distinction
- **Coursework:** Web Application Development, Database Management, Cloud Computing, IT Law, Business Communications, Software Development, Mathematics for Computing, Digital Marketing, Entrepreneurship

Scrum Alliance   2025 - 2027
- *Certified Scrum Master Certificate*

Stukent, Inc.   2025 - ∞
- *Digital Marketing Certificate (Perpetual Certificate)*

Kwantlen Polytechnic University   2014 - 2022
Bachelor of Science, Biology

Technical Skills

- **Coding Languages:** React, Angular, C#, C++, HTML5, JavaScript, TypeScript, SaaS, React, MongoDB, PHP
- **Back-End:** Node.js, Python (FastAPI), Ruby on Rails, .NET, Next.js, Node.js, Hono, Bun, YAML
- **Databases:** MySQL, PostgreSQL, Firebase, MongoDB
- **Development Tools:** Git, GitHub, RESTful APIs, Docker, Adobe Photoshop, Figma, VS Code, Vercel, Render, Jira, Trelo, Slack, MYSQL Bench, Avian, Linux Operating System, Windows, Mac OS

- **Other:** Agile, Kanban, CI/CD, Cloud Computing, CSM, DOM, Marketing, IT Law, Cloud Computing, Networking, VM, Rest APIs, AWS S3, E-commerce, UI Design, UX Design, SEO