Jake Cushway

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Summary

- 1 year Web Development Intern – Main tech: Javascript front end, Node.JS API, PostgreSQL backend
- Completing third-year of B.Sc in Computer Science, Software Systems at the University of Victoria
- Building basic software in C/C++, Java and Python, Personal projects using RUST, Javascript
- Client-side experience from freelance development; web hosting – Apache2, Nginx, SEO, web security

Experience

Freelance Web Development Contractor | Private Companies   **Nov. 2022 – Present**
- Collaborate closely with clients, delivering a custom website tailored to their organization's mission and budget deepening my ability of customer satisfaction strategies
- Diagnosed server problems relating to cyber security and web hosting improving my ability to manage secure Linux-based systems
- Developed and updated websites using React, HTML, CSS, JavaScript and hosting with Apache2 or Nginx strengthening my frontend and backend skills while gaining experience with modern hosting environments

Full Stack Developer Intern | Selkirk Innovates   May 2022 – May 2023
- Created a prototype booking application on a two-person team, resolving scheduling issues, and overseeing the development from start to finish
- Improved UX for web applications funded by the BC provincial government by adding new user interaction features
- Maintained and updated data representation using JavaScript web app resulting in a strong understanding of the frameworks

Technical Skills

Languages: Java, Python, C/C++, Assembly
Web Development: HTML, CSS, JavaScript, Apache2, Nginx, WordPress, SQL, MongoDB
Backend: MySQL, PostgreSQL, MongoDB
Frameworks: React, Oracle, Vue.js, Node.js, FastAPI
Developer Tools: Git, Docker, VS Code, Canva, AVR
Operating Systems: Linux / Unix, Windows, Mac OSX

Projects github.com/jakecush1

State of the Basin | *JavaScript, Quasar, JSON database, Nginx*   May 2022 – May 2023
- Developed an API to convert data types to improve the efficiency of the data flow system

Basin Climate Source | *JavaScript, Vue.js, GeoJSON, Nginx*   May 2022 – May 2023
- Improved UX by adding features, updating data and fixing bugs

Last Minute Today | *Node.js, PostgreSQL, Quasar*   May 2022 – May 2023
- Co-developed an online booking application using Node.js API to handle front-end interaction with database

Autonomous Sinixt | *WordPress, HTML, CSS, Apache2*   Nov. 2020 – Present
- Designed and maintained a custom website while configuring a server for safe hosting

Hours Logging Application | *Javascript, HTML, CSS, Google Firebase*   Feb 2026
- Developed an hours tracking application for personal use, displayed on jakecushway.ca

jakeushway.ca | *HTML, CSS, Bootstrap, Javascript, Apache2*   Feb 2026
- Personal website showcasing old and new projects – https://jakecushway.ca

Education

Bachelor of Science – Computer Science | University of Victoria, BC   **Sep 2018 – present**
Full Stack Web Application Diploma | Selkirk College, BC   **Sep 2021 – May 2022**