

PETER WILSON

SOFTWARE ENGINEER

CONTACT

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ABOUT ME

Versatile software engineer with experience in full-stack development. Eager to apply my expertise in architecting web applications and orchestrating development processes to create innovative solutions. With exceptional communication and collaboration abilities, I am dedicated to delivering high-quality results in each project.

EDUCATION

University of Victoria
Bachelor of Engineering (Software)

HARD SKILLS

- React and Next.js Frontend Development
- Node.js and Express.js Backend Development
- Prisma ORM Development
- Requirements Elicitation Skills
- Software Architecture Design
- Full Stack Development
- Python and related data analyzing tools

SOFT SKILLS

- Strong leadership and decision-making skills
- Exceptional organizational and time-management skills
- Self-starter with strong work ethic
- Continuously improving technical and analytical skills

WORK EXPERIENCE

Software Developer (Full Stack)

Individual Pursuits Program Ltd. 2021 – Present

- Led the development of a web application for goal tracking at a group home for individuals with developmental disabilities
- Conducted stakeholder interviews to create a detailed Requirements Specification Document for guiding the project
- Developed a full-stack solution using Next.js for the frontend and Express.js with TypeScript for the backend, integrated with a PostgreSQL database
- Ensured data security by implementing FOIPPA-compliant role-based access control mechanisms
- Managed agile development through four two-week sprints, successfully delivering an initial prototype on schedule

Software Engineer Intern

Regroove 2021 - 2022

- Developed a custom automation to synchronize customer data between Stripe and Mailchimp using Python and GitHub Actions
- Revamped the company's careers page utilizing responsive web design techniques
- Developed and deployed a custom React SharePoint Webpart on multiple company intranets
- Created a custom WordPress post type for a new service on company website, improving content management

Research Assistant & Maintainer

UVIC Energy In Cities Group 2020 – 2021

- Developed automation to detect changes and update documentation on the pipeline
- Developed a new pip package that automates the identification and updating of building files within Python scripts, removing the manual tedious process
- Created a new weather module that enabled researchers to simulate the effects of different weather patterns on energy consumption
- Increased codebase test coverage 23% on continuous integration pipeline
- Provided assistance in creating machine learning models and using the BESOS code package to a team of researchers to increase productivity and efficiency

Event Lead/Coordinator

Special T Group Events 2013-2018

- Led and coordinated a sales team of up to 8 members, optimizing team performance and achieving revenue targets
- Consistently achieved the highest sales figures across the company, demonstrating a strong work ethic, exceptional customer service, and outstanding product knowledge to consistently exceed sales targets
- Streamlined event operations by assisting in creating comprehensive policies and checklists