MICHELLE WATSON

Software Engineer

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New Grad Software Engineer with 2 years of work experience through co-op positions. Interested in the cyber security and backend fields. Looking for a full-time job starting in February 2023.

RELEVANT SKILLS

MySQL / PostgreSQL | ReactJS / NodeJS | TypeScript | Azure | HTML5/CSS3 | Docker | AWS | Agile / Scrum Methodologies | Jira

WORK EXPERIENCE

Change.org - Victoria, BC (Remote)
Software Engineering Co-op — *May 2022–August 2022*

- Helped in UI deprecation work by transferring frontend pages from their legacy software, Ruby on Rails, to ReactJS. This included updating the GraphQL API queries.
- Helped with their EDA migration from one V2 Amazon SNS topic per event to a single EDA consumer for all events which required familiarity with Terraform, AWS topics, and AWS lambda functions.
- Worked on a scrum team with daily standups and bi-weekly sprints

Exact Detailing Ltd. - Victoria, BC
Tekla Software Junior Developer – Co-op — *January 2021–April 2021*
Tekla Software Senior Developer – Co-op — *May 2021–December 2021*

- Developed window forms applications using Tekla Open API to enhance the functionality of the Tekla Structures software by automating steel detailing design processes and improving efficiency
- Collaborated on the development of a web application, using ASP.Net and MySQL databases, designed to streamline project management for Exact Detailing employees
- Deployed applications to Azure, ensuring efficient deployment, while enhancing application security by implementing security measures such as Azure Active Directory two-factor authentication
- Demonstrated leadership by training new co-op students, facilitated communication between the co-op team and supervisors, and managed task assignments among co-ops during my second term

Vivosonic Inc. - Toronto, ON
Hardware Test Engineer – Co-op — *January 2020–April 2020*

- Wrote and conducted hardware tests on Vivosonic products utilized in auditory diagnostics to ensure compliance with acceptable frequency ranges and calibration standards.
- Performed analysis on output frequencies generated by devices at varying input voltages, determining the optimal voltage that maximized accuracy while preventing rapid cable degradation.
- Generated detailed reports documenting test procedures, results, and recommendations

EDUCATION

University of Victoria - Victoria, BC
Bachelor of Engineering - Software Engineering, Mechanical Systems Minor — *September 2018 - December 2023*

Hobbies: Climbing, Camping, Hockey, Hiking, Biking, Reading
Projects: UVIC Course Scheduler Algorithm, Personal Portfolio Website, Competed in VikesCTF competition

References Available Upon Request.