

## EMPLOYMENT

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**Full Stack Engineer** **IBM** **Jul 2023 - Present**

Watsonx

- Developed web applications on the WatsonX platform, resulting in a **20% increase in user engagement** and a **15% decrease in bounce rates** due to improved user experience.
- Implemented data visualization components, resulting in a **30% increase** in user engagement.
- Applied performance optimization techniques, **reducing page load times by 20%** and enhancing the overall application performance.

**Software Engineer** **Shopify** **Apr 2022 – Aug 2022**

Outbounds Seller XP

- Developed API endpoints to automate the process of lost package reimbursement, resulting in a **50% reduction** in manual effort and a **30% improvement in customer satisfaction ratings**.
- Collaborated closely with cross-functional teams to flesh out product requirements which resulted in a **15% reduction in development iterations**, ensuring faster delivery of the solution.
- Implemented Datadog monitoring and alerts for lost package reimbursement, **improving resolution time by 50%** and enhancing system availability through real-time insights and optimization.
- Enhanced frontend features with React.js, to assure merchants of reimbursement for lost packages, resulting in **20% reduced inquiries**.

**Software Engineer** **Nuvalence** **Jan 2022 – Apr 2022**

Common Xperience Components (CXC)

- Developed a robust component library comprising **100+ reusable frontend components** in React.js, Angular.js, and Vue.js, resulting in a **30% reduction in development time** for new projects
- Published components to Storybook, allowing **10+ development teams** to preview and evaluate the components before implementation, leading to a **15% improvement** in overall development efficiency.
- Collaborated closely with designers and product managers to ensure alignment with design and accessibility requirements, resulting in a **20% increase in user satisfaction** based on user feedback and surveys.
- Implemented responsive design techniques, **increasing mobile user engagement by 15%** and **reducing bounce rates by 10%**

**Web Application Developer** **National Research Council** **Jan 2020 – Sept 2021**

Smart Buildings Org

- Created interactive graphs, and data visualizations that lead to a **25% decrease in energy-related expenses**.
- Optimized web components for performance, **reducing rendering speed to 0.1 seconds**, on average, ensuring a seamless user experience.

## EDUCATION

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**Waterloo, Ontario** **University of Waterloo** **Fall 2018 – Spring 2023**

- B.A.Sc. Nanotechnology Engineering with Computing Option, May 2023. GPA: 3.8
- Undergraduate Coursework: Operating Systems; Databases; Algorithms; Comp. Architecture.

## AWARDS

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- **uOttHack3 (2021)**: Awarded 2<sup>nd</sup> place out of 177 participants for a Hackathon.

## Languages and Technologies

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- Python, TypeScript, JavaScript, Node.js, Django, HTML CSS, JavaScript, React.js, GraphQL
- Github, AWS, DynamoDB, Datadog, Azure, RESTful APIs, CI/CD, Docker, Kubernetes