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EMPLOYMENT

Software Engineer	**IBM**	**Jul 2023 - Present**

Product: Watsonx.ai & CPD

- Enhanced a full stack NPM package by increasing its capabilities to include **browsing folders** and **diverse assets**, thereby addressing client requirements promptly, ensuring **a contract extension** with the client
- Significantly optimized loading times by reducing latency **by 2 seconds**, enhancing user experience, and concurrently minimizing API calls to external services, resulting in more efficient performance
- Increased consumer satisfaction by **15%** by creating a billing-focused API microservice in **Rust**, utilizing concurrency for streamlined task execution, and optimizing performance under high loads.
- Achieved a **76% reduction** in regression rate by implementing comprehensive unit tests and regression testing protocols before the release of new versions, ensuring the stability and reliability of the library
- Ensured accessibility for all users by making the library compliant with a11y standards outlined by the WCAG, demonstrating a commitment to inclusivity and usability for individuals with diverse abilities

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

Product: Deliverr 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**
- Sped up build times by **13%** by introducing newer versions of Webpack and Babel to microservices

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

Product: CXC

- Developed a robust component library comprising **100+ reusable frontend components** in React.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%**

EDUCATION

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

- **uOttaHack3 (2021):** Awarded 1st place out of 177 participants for a Hackathon.

Languages and Technologies

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