

Summary

Dynamic Software Developer with a proven track record at Rogers Communications Canada, excelling in API integration and full-stack development. Enhanced system performance through rigorous testing methodologies and optimized SQL processes. Adept at collaborating in Agile environments, driving impactful product development, and delivering exceptional results in web applications.

Work Experience

Rogers Communications Canada

August 2022 to Current

Software Developer

Ottawa, Canada

- **Boosted system performance by 28%** by implementing integrated front-end and back-end interfaces using **Perl** and **Python**, reducing latency in data processing.
- Increased reliability through comprehensive testing protocols.
- **Reduced software defects by 24%** by identifying and resolving critical bugs, improving operational efficiency.
- Enhanced programs and provided assistance in software development for customers.
- **Improved deployment efficiency** by leveraging Git to minimize merge conflicts and reduce errors.
- **Optimized data exchange efficiency by 18%** by consuming **RESTful APIs** and leveraging **JSON** for seamless inter-application communication.
- **Enhanced application performance** through advanced debugging and code optimization.
- **Improved data validation accuracy by 45%** by refining **SQL** procedures, reducing errors in customer-facing reports.
- Guaranteed customer-impact processes by thorough review of procedures.

Invest Ottawa

August 2020 to December 2020

Web Developer Intern

Ottawa, Canada

- Adapted to numerous e-commerce and CMS platforms, quickly mastering new tools.
- Led initiatives for website development, including creation of Shopify-based e-commerce platforms.
- Spearheaded the planning, development, and testing of a document scraping project under senior Web Developer supervision.
- Improved SEO performance through precise metadata enhancement and competitive analysis.
- Executed transition from WIX to Shopify, maintaining operational stability.
- Collaborated with a UI/UX designer to develop and test web applications.

Education

Algonquin College

September 2022

Advanced Diploma: Computer Engineering Technology

Ottawa, ON

- Co-op Endorsed
- Dean's Honors List for 5 semesters
- Cumulative GPA: 3.71/4.0

Skills & Technologies

- **Full-Stack Development:** End-to-end solutions using **Python, Perl, Java, PHP, JavaScript, React, Angular**
- **API Integration:** RESTful APIs, **JSON, SOAP/XML**, Postman, Swagger docs
- **Cross-Platform Development:** Multi-environment compatibility
- **Agile Development:** Scrum-based workflows, iterative improvements
- **SQL Expert:** Advanced querying & optimization in **MySQL, PostgreSQL, MariaDB**
- **Data Handling:** Efficient storage, retrieval, and API-driven data exchange
- **Testing Methodologies:** Automated testing via **Selenium**, API validation (Postman/Swagger)
- **Debugging & Problem Solving:** Root-cause analysis, performance tuning
- **Version Control:** **Git, Azure DevOps**
- **Scripting & Automation:** **Bash, SNMP**, CPAN (Perl libraries)
- **Product Lifecycle:** From ideation to deployment
- **Productivity Tools:** **MS Office Suite, CMS Systems**