

## 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**