

# ADRIAN ROY BAGUIO

IT Specialist

(905) 330-9804 | Baguio.adrianroy@gmail.com | Burlington, ON Canada

---

## OBJECTIVE

To apply my 10+ years of experience in software and web development to build innovative, efficient, and user-focused solutions that enhance productivity for businesses and users.

## EXPERTISE

Software architecture design | API development | Database design & optimization | Full-stack web development | Debugging & troubleshooting | Version control (Git) | Performance optimization | Responsive UI/UX implementation | Automation & system integration | Client communication & requirements gathering | Project management | Code review & best practices

## TECHNICAL SKILLS

Backend development (C#, PHP, Go, Python) | Frontend development (HTML, CSS, JavaScript) | API design & integration | Full-stack development | Database design (MSSQL/MySQL) | Cloud computing (AWS, Azure) | Docker & containerization | CI/CD pipelines | Performance tuning | Testing & QA automation | Security best practices | RESTful services | Microservices | Encryption | IT support fundamentals | Data analysis | Automation

## PROFESSIONAL EXPERIENCE

**SOFTWARE DEVELOPER AND SUPPORT TECHNICIAN** | INSIX INC. | Mississauga, Ontario Canada      Nov 2020 – present

- Led multiple software projects, managing development tasks, debugging, and testing to deliver stable and optimized code.
- Implemented Agile practices to rapidly deploy features and fixes into production.
- Collaborated with operations teams to integrate core business features into software applications.
- Performed IT responsibilities such as hardware upgrades, network management, firewall configuration, and telephone system setup.
- Maintained servers, workstations, network equipment, internet connections, and label printers.
- Developed software for Cognex Camera & Conveyor Systems using C#, SQL Server, and REST APIs to process high-volume parcels (Amazon, China shipments).
- Built a mobile-responsive driver web app using vanilla JavaScript, PHP, and MySQL.
- Created software that significantly reduced billing processing time.
- Developed Windows Forms applications (C#.NET + MSSQL), including Telnet-based tools for validating packages held by CBSA Customs.
- Developed APIs to generate in-house shipping labels for Canada Post, UPS, Canpar, UniUni, and custom internal shipping labels.
- Meeting with clients along with the product owner to help them integrate their system with our system. Making sure customer satisfaction.
- Built a Warehouse Management System (WMS) that generates shipping labels for major Canadian couriers, including Canada Post, UPS, Canpar, and UniUni.

**FULL STACK WEB DEVELOPER** | EXPERT ONLINE TRAINING | North York, Ontario, Canada      Sep 2015 – Jan 2020

- Led full-stack development for company web applications, including designing, building, and deploying new site features.
- Integrated backend systems and migrated legacy applications to modern web platforms.
- Reported directly to the CTO regarding technical progress and system improvements.
- Developed WordPress plugins and provided technical support to internal staff.
- Built an eCommerce platform for camp directors and custom plugins for certificates and student syllabi
- Designed and implemented a web-based Learning Management System using PHP, MySQL, and WordPress.
- Created software that automated repositioning translation for videos.

**LAST LEVEL TECHNICAL SUPPORT** | DEPENDABLE IT | Hamilton, Ontario, Canada      JUN 2013 – OCT 2015

- Diagnosed and resolved advanced technical issues across computers, mobile devices, printers, and gaming consoles.
- Handled malware/virus removal and network optimization tasks.

- Configured routers, opened ports, and ensured optimal system performance.

**SERVER ADMINISTRATOR & GAME DEVELOPER** | AEROGAMING ARTIFICIAL ENTERTAINMENT | International | Hobby  
JUN 2013 – Present

- Managed and maintained the official game website and backend infrastructure.
- Administered and optimized MySQL database servers to ensure performance, reliability, and data integrity.
- Designed and supported game advertising and promotional initiatives.
- Collaborated with the development team to implement in-game events and quest systems.
- Worked closely with the sales team to support business and marketing objectives.
- Created and deployed game patches using **Neoncube**.
- Identified, troubleshooted, and resolved game bugs and stability issues.
- Maintained game servers and implemented enhanced security measures to protect against DDoS attacks and unauthorized access.
- Provided technical support for in-game installation and client-related issues.

## EDUCATION

HARVARDX CS50'S WEB PROGRAMMING WITH PYTHON AND JAVASCRIPT CERTIFICATE | HarvardX 2020 – 2021  
COMPUTER PROGRAMMING | HUMBER COLLEGE 2011 – 2014

## OTHERS

Portfolio: <https://adrianbagoio.com/>

LinkedIn: <https://www.linkedin.com/in/abagoio/>

StackoverFlow: <https://stackoverflow.com/story/adrianbagoio>

Github: <https://github.com/AdrianBagoio>