

Ruchelle Baybayan

647-687-7832 | ruchelle.bay@gmail.com | linkedin/in/ruby014 | github.com/ruby014 | ruchellebay.vercel.app

TECHNICAL SKILLS

Programming Languages: Python, C#, C, C++, HTML/CSS, JavaScript

Databases: MongoDB, PostgreSQL, SQL

Web & Backend Development: React, Next.js, Node.js, Express.js, Flask, ASP.NET, RESTful APIs

Developer Tools : Git, VS Code, Visual Studio, PyCharm, Linux, Bash, Powershell

Software Testing & QA Tools: NUnit, Jest, Cypress, Playwright, Postman, Insomnia, Selenium (C#), TestComplete (JavaScript), TestExecute, TestRail, Jenkins, Jira, AWS EC2

EXPERIENCE

Software Developer Intern Sept 2025 – Present

Dayforce North York, ON (Remote)

- Implemented bulk deactivation functionality, enabling admins to deactivate 14,000+ skills in a single action, significantly reducing manual workload.
- Improved an existing modal by implementing ML-powered proficiency and recommendation insights, giving new users clearer context when exploring and selecting recommended skills.
- Developing a conditional skill-tagging feature that leverages ML-powered insights, helping users see which skills in a job opportunity match or complement users' existing skills.
- Increased automated test coverage to over 80% across two frontend projects using Jest, improving system reliability.
- Collaborate in Agile/Scrum workflows with developers, QA, and product managers to deliver high-quality features on schedule.

Quality Assurance Automation Engineer (Co-op) May 2025 – Aug 2025

PAR Technology Markham, ON (Remote)

- Automated distributed and web test cases using TestComplete (JavaScript) and Selenium (C#), executed via Jenkins on VMs, ensuring broad test coverage across multiple environments.
- Contributed to optimizing Jenkins pipelines by updating 700+ PL scripts, reducing pull code time by 2 minutes per job and saving 1 hour per full run, significantly improving test execution efficiency.
- Refactored automation scripts with co-interns to adapt to evolving UI changes, cutting false failures by 60–70% and strengthening the reliability of the automation suite.
- Investigated failed and untested cases in smoke, regression, and patch runs, reducing environment and UI related false failures and supporting a 98% pass rate across the suite.
- Logged and tracked bugs in Jira, collaborating with developers to drive timely fixes, while maintaining test metrics.

PROJECTS

Climate Solutions App | HTML, CSS, Tailwind, JavaScript, Express.js, Node.js, PostgreSQL, MongoDB

- Developed a full-stack web app enabling users to create, share, and manage climate solutions projects collaboratively using robust CRUD functionality.
- Implemented secure user authentication and session tracking, displaying the last 8 login timestamps with detailed client device info.

ChatTime | HTML, CSS, Python, Flask, Socket.IO

- Implemented a real-time messaging platform with live chat, dynamic message updates, user activity indicators, automatic avatar assignment, and instant name changes.
- Enhanced scalability and responsiveness, delivering a seamless user experience across devices with optimized front-end interactions and efficient server-side handling.

EDUCATION

Seneca Polytechnic

January 2024 – December 2026

Advanced Diploma in Computer Programming and Analysis North York, ON

- cGPA: 4.0
- Relevant Courswork: Web Programming Tools and Frameworks, Software Analysis and Design I, Object-Oriented Software Development Using C++, Advanced Database Services, Operating Systems for Programmers
- President's Honour List for Winter 2024, Fall 2024, and Winter 2025