

# Ruchelle Baybayan

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## 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:** Postman, Insomnia, Selenium (C#), TestComplete (JavaScript), TestExecute, TestRail, Jenkins, Jira, AWS EC2

## EXPERIENCE

<b>Software Developer Intern</b> <i>Dayforce</i>	Sept 2025 – Present North York, ON
<ul style="list-style-type: none"><li>Contributing to full-stack enterprise application development using C#.NET, ASP.NET, SQL, and React.</li><li>Developing RESTful APIs, designing database schemas, and implementing responsive frontend features.</li><li>Participating in Agile/Scrum workflows, collaborating with developers, QA, and product teams to deliver high-quality features.</li></ul>	

  

<b>Quality Assurance Automation Engineer (Co-op)</b> <i>PAR Technology</i>	May 2025 – Aug 2025 Markham, ON
<ul style="list-style-type: none"><li>Automated distributed and web test cases using TestComplete -(JavaScript) and Selenium (C#), executed via Jenkins on VMs, ensuring broad test coverage across multiple environments.</li><li>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.</li><li>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.</li><li>Investigated failed and untested cases in smoke, regression, and patch runs, reducing environment and UIrelated false failures and supporting a 98% pass rate across the suite.</li><li>Logged and tracked bugs in Jira, collaborating with developers to drive timely fixes, while maintaining test metrics to ensure visibility and accountability across releases.</li></ul>	

## 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.

**Dictionary Application** | *C++*

- Implemented a high-performance application to manage and query a dictionary of words and definitions.
- Implemented file-based data loading, efficient searching, and performance measurement features.
- Integrated modules for settings management, event logging, and time monitoring of various operations to enhance usability and debugging.

**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