

# Ruchelle Baybayan

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## TECHNICAL SKILLS

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**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

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### Software Developer Intern

Sept 2025 – Present

*Dayforce*

*North York, ON*

- Contributing to full-stack enterprise application development using C#.NET, ASP.NET, SQL, and React.
- Developing RESTful APIs, designing database schemas, and implementing responsive frontend features.
- Participating in Agile/Scrum workflows, collaborating with developers, QA, and product teams to deliver high-quality features.

### Quality Assurance Automation Engineer (Co-op)

May 2025 – Aug 2025

*PAR Technology*

*Markham, ON*

- 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 to ensure visibility and accountability across releases.

## PROJECTS

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### 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

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### Seneca Polytechnic

January 2024 – December 2026

*Advanced Diploma in Computer Programming and Analysis*

*North York, ON*

- cGPA: 4.0
- Relevant Coursework: 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