

# Brian Cheung

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## WORK EXPERIENCE

Organization	Designation	Duration
IBM	Full-stack Software Engineer	June 2023 – April 2025
<ul style="list-style-type: none"><li>Designed, implemented many widely used REST APIs in Java, used by all clients (Chunked loading, Copy &amp; Pasting, Error handling, and more).</li><li>Engineered data loading architecture to decrease load times and data usage by 50%.</li><li>Designed, implemented UI components into the Planning Analytics Workspace ecosystem.</li><li>Utilized Jenkins to orchestrate Docker &amp; Kubernetes for continuous deployment and integration into AWS.</li><li>Presented solutions for enterprise-level stakeholders on a weekly basis based on asks and feedback.</li><li>GitHub for version control, collaboration on feature development in a team of 11 developers &amp; QA.</li></ul>		
IBM	Automation and Test Developer	May 2020 – Dec 2020
<ul style="list-style-type: none"><li>Automated provisioning for IBM Planning Analytics Workspace on Windows and Linux using Ansible, Python, and shell scripts.</li><li>Extended test framework with REST API and JMeter integrations for automated process execution.</li><li>Developed website-scraping scripts for automated test setup.</li><li>Enhanced Jenkins functionality to unify and streamline test automation and deployment.</li></ul>		
IRB/CISR	Registry Support Assistant	Jan 2022 – May 2022
<ul style="list-style-type: none"><li>Created a Python script for generating socially distanced floor plans.</li><li>Automated spreadsheet calculations using Excel VBA to streamline reporting and data analysis.</li></ul>		
Exzell Pharma	Marketing & Operations Associate	July 2017 – Dec. 2018
<ul style="list-style-type: none"><li>Worked in all key areas of the org. (IT, Supply Chain, Operations, Marketing, Sales, Admin, Finance).</li><li>Led the branding and packaging design for three flagship products.</li><li>Built and managed the company's website, social media presence, and Amazon storefront.</li></ul>		

## EDUCATION / SKILLS

Description
York University – Computer Science Honors
2019 - 2023

### Technologies:

**Languages:** Java (SE8 / SE17), JavaScript, Python

### Frameworks/Libraries:

**Java:** Jackson, HTTP Client, Log4j, Junit

**JavaScript:** jQuery, React

**Python:** NumPy, Pandas, PyTorch

**Tools:** Git, Jenkins, Ansible, REST API, JMeter, Bash, AI tools, AWS, Docker, Kubernetes

### Personal Projects:

*WatsonX Challenge:* Utilized IBM watsonX agentic AI to automate and execute tasks.

*SMA Crossover Trading Strategy:* Calculate moving avg on investment to clue on buy/sell signal. [Python, pandas, matplotlib]

*Weather Forecast App:* Pulls live weather data to determine suitability for pickleball. [Javascript, React]

*Personal Website:* Summarizes my current work, personal projects, resume, all linked to my GitHub [Typescript, React]