

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

EDUCATION / SKILLS

Description	2023
York University – Computer Science Honors	
Carleton University – Commerce Honors	
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:	
<i>WatsonX Challenge:</i> Utilized IBM watsonX AI agentic tasks to detect important emails and send to slack as notification.	
<i>SMA Crossover Trading Strategy:</i> Calculate moving avg on investment to clue on buy/sell signal. [Python, pandas, matplotlib]	
<i>Weather Forecast App:</i> Pulls live weather data to determine suitability for pickleball. [Javascript, React]	
<i>Personal Website:</i> Summarizes my current work, personal projects, resume, all linked to my GitHub [Typescript, React]	