

## Profile

- Full Stack Developer with strong fundamentals in Front End and Back End technologies including React, Typescript, Node.js and Django Rest Framework.
- Languages: JavaScript, TypeScript, HTML, CSS, SQL, Python, GraphQL, VBA
- DevTools/Frameworks: React, Next.js, MongoDB, Jest, Django, VS Code, Github, Chrome DevTools, Microsoft Office Suite (Excel, Word, PowerPoint)

## Education

- Georgia Institute of Technology**, CGPA 4.0 / 4.0 Aug. 2024 – Present  
Master of Science, Computer Science
- Thompson Rivers University**, CGPA 4.22 / 4.33 Nov. 2023 – Mar. 2024  
Computer Programming I (98%), Computer Programming II (94%), Data Structures & Algorithms (89%)
- University of Toronto, Scarborough**, CGPA 3.79 / 4.0 (High Distinction - Dean's List) Sep. 2015 – Dec. 2019  
Bachelor of Business Administration, Management and Accounting

## Work Experience

- Empire Life – Process Improvement Leader** May 2023 - Present
- Headed multiple process improvement projects from design to implementation across different areas of the business.
  - Collaborated with stakeholders from multiple divisions to implement a recruitment dashboard in PowerBI; dashboard reduced number of open requisitions by 75% and time to fill a role to less than 30 days (70% reduction).
  - Coordinated the implementation of the data cleanup initiative across the HR division to document and redefine processes to provide more reliable data; improved data quality and centralized HR definitions and processes
- Unilever Canada – Financial Analyst** May 2021- May 2023
- Forecasted and oversaw Brand Marketing Investment budget for all of Unilever Canada.
  - Collaborated with Marketing Managers to determine risks and opportunities to the P&L; identified \$8 million opportunity of unspent marketing activities in the previous years resulting in exceeded profit targets.
  - Built PowerBI dashboard to report on the BMI cost of Special Packs and Displayers; reducing manual work by over 90% and allowing business unit leaders to make faster decisions with near real time reporting.
- CaseWare International – Developer** May 2018 – Apr. 2019
- Developed a cloud-based corporate tax software using JavaScript and tax knowledge to accurately calculate corporate tax returns and amounts owing to CRA.
  - Contributed to code refactoring to improve program responsiveness and efficiency; successfully increased efficiency by 125% and was recognized as the most value-added initiative by product leads in 2018.
  - Expanded test coverage through creating and resolving bugs/edge cases which were previously not covered in tests; created 27 new test cases and achieved 98% code coverage.

## Projects

- Shopify App – Trolley Cart - [Link](#)** Nov. 2021 – Aug. 2022
- Developed Shopify App using TypeScript, React, Node.js and MongoDB for merchants to implement a cart drawer and several upsell & cross sell functionalities.
  - Implemented advanced React Hooks like useMemo and useCallback to limit application re-renders only when dependency's state changes, resulting in improved application performance by 35%.
  - Designed and engineered the front-end application using React functional components, managing state through Hooks (useState, useReducer and useContext); enhancing code maintainability and reducing over 100 lines of code.
  - Programmed back-end application using Node.js and Koa resolving all client requests in less than 2 seconds.
  - Additional Tech-Stack: Shopify App Bridge, Shopify Polaris, GraphQL, Jest, SendGrid, AWS S3, Heroku, Git
- CAHL.net – [Link](#)** Jan. 2020 – Jul. 2020
- Built web application for a hockey league to update and display stats, series information and player information from a REST API using React, Django Rest Framework, PostgreSQL and Amazon Web Services stack.
  - Modernized previous front-end tech stack to simplify design and maintenance of the code base while increasing performance by over 80%.
  - Refactored Django model serialization to use Serpy object serialization for GET requests rather than built-in Django serializers, improving performance over previous iteration by over 200%.
  - Launched SPA & REST API using AWS stack (Amplify, EC2, Amazon API Gateway, Lambda, and S3); reducing cost of hosting to \$0.50/year taking advantage of AWS Free Tier.
  - Additional Tech-Stack: AntD, Python, Zappa, Git, Trello