

Jay Patel

[Portfolio Website](#) | [Email](#) | [LinkedIn](#) | [Github](#) | Brampton, ON

EDUCATION

Toronto Metropolitan University

Toronto, ON

Bachelor of Science in Computer Science (Co-op)

Sept. 2021 – Present

- Relevant coursework: Data Structures & Algorithms, Introduction to Software Engineering, Introduction to UNIX, C and C++, Discrete Mathematics, Operating Systems, Computer Organization
- Expected graduation: June 2026
- CGPA: 3.83

EXPERIENCE

Software Developer Intern

May 2023 – Apr 2024

Royal Bank of Canada

Toronto, ON

- Collaborated on a dynamic full-stack project, leveraging Angular for the frontend and Express for the backend
- Optimized backend routes, reducing data processing time by 15% and improving overall system responsiveness
- Implemented testing protocols, achieving a 65% increase in code coverage, which helped reduce post-release defects
- Authored comprehensive documentation, contributing to a reduction in onboarding time for new developers and fostering efficient collaboration

Junior Web Developer

May 2024 – Aug 2024

Treasury Board Secretariat

Toronto, ON

- Led migration efforts from Angular 2 to Angular 3, ensuring a smooth transition and improving code maintainability across multiple projects
- Enhanced project documentation by updating guidelines, creating detailed technical notes, and ensuring clarity for future developers and team members
- Conducted code reviews and provided feedback to ensure high-quality, maintainable code adhering to organizational standards

PROJECTS

Zipper-Notes (Full-Stack) | *React JS, Node JS, Express JS, Redux, MongoDB*

Sept 2022 – Oct 2022

- Developed a responsive website with Bootstrap and a full-functioning backend using Express JS that allows the user to signup/login after an account is created
- Collected, encrypted and stored user and notes data into MongoDB with the option of doing CRUD operations
- Protected API calls using JWT and tested them using Postman
- Managed all state using Redux State Management and Thunk for middleware

Crypto Tracker (Front-End) | *React JS, Material UI, Chart JS, Git*

Jul 2022 – Aug 2022

- Created a website with multiple components using data gathered from the CoinGecko API
- Used Material UI for front-end user experience
- Manipulated data gathered from Asynchronous API Calls and used Chart.js to display graphs based on user input

E-commerce System (OOP) | *Java, Java Collections, Git*

Mar 2022 – Apr 2022

- Built an E-commerce system with Object Oriented Programming, which allowed the user to select, order and ship a wide variety of products to a given address
- Collected and manipulated user data to showcase the rating of products & quantity remaining
- Created Exception blocks to handle errors and give users a chance to resolve errors

TECHNICAL SKILLS

Languages: JavaScript, Java, Python, C, HTML, CSS, Bash

Frameworks: ReactJS, NodeJS, ExpressJS, Bootstrap, Angular, Mongoose, .Net, Material UI

Developer Tools: Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Interests: Cloud Computing, Software Development Life Cycle, Cybersecurity