Aryan Patel

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Summary

Aspiring full-stack developer with hands-on experience building interactive web applications using React and Node.js. Skilled in Python, JavaScript/TypeScript, SQL, and MongoDB, with a solid understanding of the software development life cycle (SDLC) and Agile methodologies. Developed responsive, user-friendly interfaces and modular backend systems, emphasizing maintainability and performance. Adaptable team player, quick learner, and passionate about delivering high-quality software solutions.

Education

Toronto Metropolitan University (formerly Ryerson) 2020 − 2025
Bachelor of Science (Honours) - Computer Science (Co-op) *Toronto, ON*

Skills

Languages: Python, Java, HTML/CSS, JavaScript/TypeScript, Go (learning), PHP, SQL
Frameworks/Libraries: React, Node.js, Express, Tailwind CSS
Databases: MySQL, MongoDB (NoSQL)
Developer Tools: Git, GitHub, Postman, VS Code, Eclipse, PyCharm
Soft skills: Problem-solving, Interpersonal Communication, Attention to Detail, Teamwork & Collaboration, Critical Thinking, Written & Oral Communication, Analytical Thinking, Time Management

Experience

FGF Brands Inc. May 2022 − April 2023
IT Software QA Co-op *North York, ON*

- Collaborated in an Agile Scrum environment across 20+ sprint cycles to deliver thoroughly tested, high-quality features for web and mobile (Android/iOS) applications
- Performed manual regression and smoke testing on 15+ internal apps, identifying 500+ bugs in Azure DevOps and facilitating efficient collaboration between QA and development teams for prompt resolution
- Created and maintained 120+ detailed test cases and scripts, ensuring traceability to functional requirements and comprehensive test coverage
- Independently conducted smoke testing for two critical applications during a teammate's absence, uncovering 5 major defects pre-launch
- Partnered with developers and business stakeholders to adapt test scenarios to evolving requirements, improving test efficiency and product alignment

Projects

NASA APOD App | *React, NASA APOD API*

- Developed a React-based web app to display NASA's Astronomy Picture of the Day with title and description in a responsive layout
- Implemented localStorage caching to reduce API calls and improve performance
- Added a sidebar overlay for viewing image details and a loading state during data fetch
- Built mobile-first, responsive design to optimize user experience across devices

Link Saver Chrome Extension | *JavaScript, Chrome API*

- Developed a Chrome browser extension that allows users to save, view, and manage custom or current tab URLs for quick access
- Utilized the Chrome Tabs API to automatically capture and store the URL of the active browser tab
- Implemented local storage to persist saved links across browser sessions
- Enabled double-click delete functionality for bulk clearing of saved links, improving user control and experience

Trivia Quiz App | *React*

- Built an interactive quiz application featuring multiple-choice questions, score tracking, and responsive design
- Implemented real-time feedback with useState and useRef hooks for state and DOM management
- Added user experience features such as a final score summary, confetti animation on completion, and retry functionality
- Engineered quiz logic for easy customization by centralizing all questions in a single file