Mansi Patel

🌐 Mansi-Patel ✉ Gmail ○ GitHub in LinkedIn Ⓓ Devpost

EDUCATION

Toronto Metropolitan University   *Sept 2020 - May 2025*
Software Engineering, BEng.   *Toronto, ON*

EXPERIENCE

Ontario Ministry of Education   *May 2023 – Aug 2024*
Application Programmer Analyst   *Toronto, ON*

- Resolved bugs and AODA defects for 2 SOR-RL releases, and added features like a search field that improved the client search efficiency by 30%
- Leveraged Apache JMeter and Selenium scripts to optimize performance and track user load reducing client-side report generation time by 50%
- Participated in an AI hackathon, developed a Copilot model, PowerApps frontend, and presented a prototype for geospatial document processing

Ryan   *Jul 2022 – Aug 2022*
Scientific Research & Experimental Development (SRED) Intern   *Mississauga, ON*

- Developed an Excel Workbook using VBA and research to automate Profit After Tax calculations
- Pitched final project to the SRED team, met software requirements and achieved a VBA certification

TMU: Faculty of Engineering   *Mar 2022 – Apr 2022*
GCG Coding Ambassador   *Toronto, ON*

- Guided Go Code Girl (GCG) participants to develop programs using the C programming language
- Debugged code while presenting personal experience in STEM as a female engineering student

Aviso Wealth   *Jun 2021 – Aug 2021*
Marketing Online Brokerage & Digital Wealth Intern   *Toronto, ON*

- Designed kXG Credential webpages using HTML5 and CSS3 on Adobe Dreamweaver
- Streamlined the rebranding of Qtrade Direct Investing with the VP of Product Marketing
- Incorporated Smartsheet, InVision, Figma, Google Analytics, and Dialogue Insights in projects

SKILLS

Programming Languages	Java, C, Python, SQL, NoSQL, Excel VBA, VHDL, HTML5, CSS3, MATLAB
Libraries & Frameworks	ReactJS, JavaFX, Spring, JSF, Flask, FastAPIs
Tools & Platforms	Git, Figma, SQL Developer, Tomcat, Websphere, Jira, ALM, Atlas, Google Cloud
Databases	Oracle Database, MongoDB

PROJECTS

Mansi Patel's Website ○ *(ReactJS, JavaScript, HTML5, CSS3)*   *Nov 2024 - Jan 2025*

- Built a full-stack web application with a ReactJS front-end, and JavaScript backend
- Implemented a user-friendly interface with CSS styling and appealing color theme
- Applied custom light setting functionality for improved user experience

BizPoints: Resources Module ○ *(ReactJS, JavaScript, MongoDB)*   *Nov 2024 - Jan 2025*

- Developed a responsive full-stack application to provide resources and training programs for AlphaBiz Clients
- Implemented backend logic and API endpoints with real-time data IO for admin controls

Bookstore Application ○ *(Java, JavaFX)*   *Mar 2022 - Apr 2022*

- Full-stack app simulating a bookstore environment consisting of an owner and customer interface
- Developed features including books archive, purchasing books, points system, account registration