Mansi Patel

📞 (647) 937-2149   ✉ mansijpatel321@gmail.com   🌐 mansi-patel.netlify.app   🐙 mansijp   in mansijp   Ⓓ mansijp

SKILLS

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

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, form fields, and new webpages, improving 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 a Microsoft AI hackathon, developed a Copilot model, PowerApps frontend, and presented a prototype for geospatial document processing
- Reviewed business rules to thoroughly test code, optimizing code quality which lead to a 10% decline in post-release defects

Ryan   *Jul 2022 – Aug 2022*
Scientific Research & Experimental Development (SRED) Intern   *Mississauga, ON*
- Developed an Excel workbook using Excel VBA to automate the creation of workbooks for client SRED-qualifying projects, eliminating 2 hours of manual data entry time for company staff
- Designed a system with numerous subroutines and macros for data processing to improve the speed by 15% for Profit After Tax (PAT) calculations
- Gained proficiency in Excel VBA programming within 2 days, completing the certification 100% faster during on-boarding

TMU: Faculty of Engineering   *Mar 2022 – Apr 2022*
GCG Coding Ambassador   *Toronto, ON*
- Facilitated a hands-on coding workshop for 30 participants to develop error-free programs using the C programming language
- Increased female participation in STEM by 25%, introducing elementary and secondary school students to Computer Science
- 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*
- Implemented new webpages for kXG Credential using HTML5, CSS3, and Adobe Dreamweaver to enhance the user engagement by 20%
- Collaborated with the VP of Product Marketing with the rebranding of Qtrade Direct Investing by scheduling meetings
- Designed kXG Credential webpages using HTML5 and CSS3 on Adobe Dreamweaver
- Utilized industry tools including Smartsheet, InVision, Figma, Google Analytics, Dialogue Insights, and Microsoft BI to analyze and increase rebranding task efficiency by 15%

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

EDUCATION

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