




DHVANI THAKKAR

Winnipeg, MB | (204) -952 4979 |   

EDUCATION

Bachelor of Science in Computer Science with a minor in Statistics

University of Manitoba

09/2020 - 06/2025 (expected)

Winnipeg, MB

TECHNICAL SKILLS

Languages & Frameworks: Java, JavaScript, C, C++, R, SQL, Python, ReactJS, Node.js, Next.js

Databases: SQLite, Neo4j, MongoDB, DynamoDB

Tools: Git, Azure DevOps, AWS, Google Cloud, Docker, Postman, CI/CD, Agile Methodologies

Software & Analytics: IntelliJ IDEA, VS Code, Android Studio, RStudio, CLion, Power BI, CSS, REST APIs

WORK EXPERIENCE

Junior Systems Analyst (Internship)

05/2024 - Present

Government of Manitoba

Winnipeg, MB

- Analyze and streamline systems, boosting efficiency by 20% to enhance productivity and reduce resource use.
- Conduct system testing and troubleshooting on 4 internal tools, optimizing performance and ensuring high availability.
- Prepare technical documentation to support system upgrades and serve as a reference for a team of 8.

Applications Assistant (Internship)

05/2023 - 09/2023

Antec Controls - Price Industries

Winnipeg, MB

- Executed 30+ product and integration tests in benchtop environments, detecting critical issues early to maintain design specifications.
- Collaborated with engineering to resolve critical integration challenges, leading to a 30% reduction in prototype development time and accelerating the project cycle.
- Documented 10+ testing results in detail to guide product refinements, enabling data-driven improvements for enhanced reliability.

RELEVANT PROJECTS

EduNova Web Interface | *ReactJS, Node.js, DynamoDB, AWS S3, Ollama*

01/2025 - 04/2025

- Implemented a web-based educational chatbot with a team of 3 for the Government of Canada to support students and instructors by delivering course material interactively; enabled self-paced learning and reduced instructor dependency through automated, conversational explanations.

ReShop Android App | *Java, SQL, HTML, CSS, Agile Methodologies*

05/2024 - 08/2024

- Created an e-commerce platform with a team of 5 members, integrating features like user authentication and dynamic item listings while following Agile methodology for iterative development and delivery.

FIFA 2022 Players Database | *Java, SQL*

09/2023 - 12/2023

- Developed efficient SQL scripts which facilitated the rapid extraction of large datasets from a normalized database containing over 19,000 entries; enhanced usability for end-users needing immediate insights for analysis tasks.

VOLUNTEER EXPERIENCE

Vice President (*UMWICS*)

05/2023 - 04/2025

- Lead mentorship programs and host events to connect more than 65 women and nonbinary individuals with mentors in tech fields, fostering meaningful professional development.

Director of Communications (*CCUBED*)

03/2023 - 04/2024

- Increased event participation by designing targeted promotional materials using Adobe Photoshop and Canva; elevated overall engagement metrics, with attendance rising to over 150 participants per major event.

Social Media Coordinator (*UMWICS*)

05/2022 - 04/2023

- Enhanced online presence by coordinating social media strategies, integrating content scheduling tools like Buffer and designing promotional graphics, driving an 85% increase in followers.