

# Shiv Patel

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## Education

### University of Winnipeg

*Computer Science BSc. Major*

### International Special Entrance Scholarship

May 2023 - Present

May 2023

## Key Skills

- **Technical Skills:** Python , Java , MySQL , Assembly , JavaScript , HTML5 , CSS3 ,MS Excel
- **Technical Tools:** Visual Studio Code , IntelliJ , Git , GitHub , Microsoft Office , BlueJ , IDLE , MongoDB , Postman , NPM , PostgreSQL
- **Framework and Libraries:** React, Node.js , Express.js
- **Practices:** REST API, JSON, API Integration, Agile, Collaborative Development, Debugging

## Projects

### Personal Blog Website Development

Feb 2025

*HTML, CSS, Node.js, HTTP Module, File System Module, JavaScript*

- Developed a personal blog website using core Node.js without external frameworks to strengthen foundational skills.
- Implemented routing using the native HTTP module to serve HTML pages and static files (images, styles).
- Built a custom file server with fs and path modules to handle requests and deliver appropriate content based on URL paths.
- Designed responsive and visually appealing frontend using HTML and CSS to display personal information, experience, skills, and projects.
- Ensured dynamic handling of multiple assets like images and a custom 404 error page to improve user experience.

### Remote Control Application with GUI and Command Pattern

Jan 2025

*Java, Swing, Git, GitHub, OOP, Design Patterns, UML*

- Built a Java-based remote control system with a GUI using Swing, implementing the Command, Singleton, and Template Method design patterns.
- Integrated unlimited undo/redo functionality using Java's Stack class, and designed macro commands for grouped actions.
- Developed configuration and logging systems with file I/O, and produced UML class and sequence diagrams to document system architecture.

## Work Experience

### Department Manager

Winnipeg, MB

*Walmart*

June 2023 - Present

- Managed inventory processes including ordering, receiving, stocking, and cycle counts.
- Ensured compliance with Walmart policies, procedures, and safety standards.
- Collaborated with store leadership and cross-functional departments to drive overall store growth and achieve sales targets.

### Web Development Intern

Bardoli, Gujarat

*Universal Technologies*

May 2022 – Aug 2022

- Developed and maintained responsive websites using HTML, CSS, JavaScript, React, and integrated RESTful APIs with Node.js and MySQL.
- Built reusable UI components, optimized performance, and improved user experience through intuitive front-end enhancements.
- Used Git/GitHub for version control, collaborated in Agile sprints, and worked with designers to create mobile-friendly, high-performance web interfaces.

## Extracurricular Activities

- Active member of the University of Winnipeg Coding Club, participating in hackathons and coding competitions such as LeetCode and Google Kickstart to enhance teamwork and problem-solving skills.
- Led and contributed to full-stack group projects using HTML, CSS, JavaScript, and Python, ensuring code quality, collaboration, and timely delivery.