

# Dhairya Patel

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## OBJECTIVE

Dedicated and detail-oriented aspiring software development professional with a strong foundation in programming, innovative, and creative thinking. Eager to contribute impactful solutions and enhance technical proficiency through a dynamic summer internship. Seeking opportunities to refine my skills, collaborate with industry experts, and gain hands-on exposure to real-world software development challenges.

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## HIGHLIGHTS OF QUALIFICATIONS

- Comprehensive knowledge of software development with hands-on experience in designing, developing, and deploying applications.
  - Proficient in programming languages, including Java, C, and C++, with a solid foundation in object-oriented programming (OOP).
  - Strong skills in web and mobile app development, database management, and software testing.
  - Completed certification courses in C and C++ to strengthen foundational and advanced programming knowledge.
  - Proven ability to solve complex problems and collaborate effectively within a team environment.
  - Familiarity with current and emerging technologies, preparing for dynamic roles in the tech industry.
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## EDUCATION

Software Development – Computer System Technology  
Mohawk College

September 2023 – Present  
Hamilton, ON

- Program Progress GPA: 88.7
- Completed Math Course 1 & 2 with 100%
- Completed PHP & Python Course with 97%
- Expected graduation: December 2026

## CERTIFICATION AND TRAINING

Certificate in C Programming & C++: *Red & White Multimedia Education*

- Awarding Body: All India Council for Vocational Training Programme

Worker Health and Safety Awareness Training

- Ministry of Labour, Immigration, Training & Skills Development

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## TECHNICAL SKILLS

- **Web Development:** Front-end (HTML5, CSS3, JavaScript, WordPress, ReactJS)  
Back-end (PHP, SQL, RESTful APIs, Python).
- **CLI Development:** Java, C#, C, C++ .
- **Desktop Development:** Java(JavaFX), C#(.NET).
- **Database Management:** SQL, MySQL.
- **Customized IDE/Text Editor:** IntelliJ (Primary), VSCode, Visual Studio.
- **Version Control & Collaboration:** Git, GitHub, Microsoft Teams.
- **Operating System:** MacOS (primary), Windows (secondary).
- **Other Skills:** Debugging, Problem Solving

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## WORK EXPERIENCE

### Dairy Clerk

Fortinos

October 2023 – Present

Burlington, ON

- Manage inventory to ensure product availability and quality while maintaining a clean, organized work environment in line with safety and sanitation standards.
- Deliver exceptional customer service by assisting shoppers with inquiries and product selection.
- Collaborate with team members to ensure efficient operations, especially during peak hours.

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## PROJECTS

### Conway's Game of Life

November 2024

- Developed the back-end logic for Conway's Game of Life using PHP.
- Implemented efficient algorithms to simulate cellular automata behavior.
- Validated user inputs and ensured seamless interaction within a web-based interface.

### Product Ordering System for Tools and Hardware

March 2024

- Created a product ordering system with Java using interfaces and abstract classes.
- Implemented features for purchasing and renting products, with price calculation.
- Developed an order management system for seamless user interaction.
- Enabled tracking of rental status for rentable items and integrated dynamic order pricing based on product type.