

# RODOLFO GIL-PEREIRA

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## EDUCATION

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<b>Bachelor of Science in Engineering - Software Engineering</b> <i>University of Calgary, Schulich School of Engineering</i>	Expected Grad. 2026 <i>Calgary, AB</i>
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## SKILLS

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**Backend:** Java, Python, Flask, C/C++, PostgreSQL

**Frontend:** React, Vite, JavaScript, HTML, CSS

**Technologies & Tools:** PostMan, JUnit, Linux, Git

**Soft:** Communication, Teamwork, Leadership, Adaptability, Project Management

## TECHNICAL PROJECT EXPERIENCE

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<b>Shopping Website Server</b>   <i>Backend, Fullstack, Python, Flask</i>	Jan. 2024 – Apr. 2024
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- Developed a local server with Python Flask to manage product data and user authentication for login and registration
- Built optimized API for frontend-server communication, increasing data transfer speed by 25%

<b>Disaster Victim Management Application</b>   <i>Fullstack, Java, SQL</i>	Jan. 2024 – Apr. 2024
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- Created a terminal-based Java app with postgresSQL integration to aid disaster response, streamlining supply management and victim-family connections
- Developed a database schema to store and retrieve information efficiently

<b>Shopping Website</b>   <i>Frontend, Fullstack, React</i>	Jan. 2024 – Apr. 2024
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- React-based shopping site with product catalog, shopping cart, and smooth navigation for enhanced user experience
- Integrated user registration, login, and protected routes, ensuring a 100% registration rate for new users before shopping
- Optimized frontend, reducing bloat by 20% and improving page load speed by 35%

## WORK EXPERIENCE

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<b>Tool Rental Associate</b> <i>The Home Depot</i>	April 2023 – Aug. 2024 (Split Term) <i>Calgary, AB</i>
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- Using strong customer service skills and technical knowledge of various tools, guided customers to the right tool they needed for their job and increasing sales
- Provided maintenance and servicing for rental tools to ensure they were in optimal working condition