

# Raman Bhandari

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## TECHNICAL SKILLS

**Languages:** Java, C++, C, Rust, Python, PHP, JavaScript, SQL, Apollo GraphQL, Ruby on Rails, HTML/CSS, R  
**Other:** React, Node.js, Flask, JUnit, Material-UI, Git, Docker, Google Cloud Platform, Azure, MongoDB

## EXPERIENCE

### Developer I

August 2024 – Present

G3 Canada

Winnipeg, MB

- **Optimized grain transportation logistics** by developing and maintaining the Train and Vessel Planner internal tool, utilizing **React**, **Redux**, **JavaScript**, and **ServiceNow**.

### Software Developer Intern

January 2024 – March 2024

Priceline Partner Solutions

Winnipeg, MB

- **Led API compliance updates** in response to U.S. regulations, ensuring OTAs display final prices upfront and enhancing transparency for millions of users.
- Reduced **log storage by 90%** and extended **visibility to over 30 days** by upgrading traffic monitoring from Splunk to New Relic, utilizing New Relic PHP Agent and Terraform.
- Engineered scalable services by designing and implementing **GraphQL and REST APIs** with Rust and PHP, improving B2B data exchange efficiency.

### Junior Developer Intern

January 2023 – December 2023

G3 Canada

Winnipeg, MB

- **Reduced manual testing time by 30%** and **increased regression test accuracy** by implementing automated testing procedures with Selenium and Jest, streamlining the QA process.
- Contributed to **SMS notification feature** by handling backend integration with **ServiceNow** and frontend with **React and Redux**, leveraging a third-party SMS service.
- Developed the **Market-Specials feature**, enabling real-time grain rate offers to select farmers, facilitating contract creation and GPO.

### Software Developer Intern

May 2022 – August 2022

Priceline Partner Solutions

Winnipeg, MB

- **Boosted server response time by 86%** for a timing-out API endpoint by restructuring the API architecture.
- **Upgraded and optimized 4+ API endpoints** using PHP 7.4+, PHPUnit, Mockery, and Postman, ensuring smooth transitions to new versions.
- **Reduced technical debt** by eliminating dead code and endpoints, enhancing system performance and maintainability.
- **Resolved critical codeQL errors** across the codebase, ensuring compliance with Level 8 security standards.

## PROJECTS

### PayoffPal | *Ruby on Rails, PostgreSQL, RSpec, Swagger UI, Expo, React Native, Redux*

August 2024

- Developed PayoffPal API using **Ruby on Rails** and **PostgreSQL**, and PayoffPal UI using **Expo React Native** and **Redux**. Integrated **OpenAI Specs** and **Swagger UI** for interactive API docs and streamlined development.
- Implemented core functionalities including user authentication, budget management, and profile handling to establish robust foundation for **future features** such as debt management and financial planning.

## EDUCATION

### University of Manitoba

Winnipeg, MB

*Bachelor of Science in Computer Science (Co-op), Minor in Mathematics*

*April 2025*

## LEADERSHIP

### Advisor | .devClub | U of M

June 2024 – Present

### President | .devClub | U of M

May 2023 – April 2024

- **Led a team of 12** to serve **1500+** members, cultivating a culture of innovation through community events.
- Spearheaded **.devHacks**, the **largest hackathon** in Manitoba (February 2024), with **350+ participants** and sponsorship from 9 companies, organizations, and faculties.