Raman Bhandari

204-869-8505 | bhandar1@myumanitoba.ca | linkedin.com/in/raman/ | github.com/raman

TECHNICAL SKILLS

Languages: Java, C++, C, Rust, PHP, JavaScript, Python, SQL, Apollo GraphQL, HTML/CSS, R, Processing
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

Eezy | *Android Studio, Java, HyperSQL, Gitlab*   April 2022
- Developed a **personal organizer app** group project featuring a calendar, checklist, events, and password manager using Android Studio and Java.
- **Utilized HyperSQL** for secure data storage and efficient management.

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 events and coding competitions.
- Spearheaded **.devHacks**, the largest hackathon in Manitoba (February 2024), with **350+ participants** and sponsorship from 9 companies, organizations, and faculties.