

# RITHIK CHOUDHARY

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## EDUCATION

### University of Guelph

BCOMP Software Engineering (Honours) **GPA: 4.0**

Minor in Business Economics

Guelph, ON

Sept 2019 - Apr 2024

## SKILLS

Languages: Typescript, Python, C/C++, Java, HTML/XML, CSS, JS, YAML, SQL, Ruby, Dart, Gherkin  
Technologies: Angular, React, mySQL/MongoDB, Node/Express.js, REST APIs, Flask, Flutter, .NET, JUnit, K8s  
Software: AWS, Jira, Figma, Visual Studio, Github, MS Office, Adobe Suite, Sketch, AutoCAD, Revit

## EXPERIENCE

### SOTI

Full-Stack Developer Intern

Mississauga, ON

Jan 2023 - Dec 2023

- Developed **6 new features**, while resolving over **145 bugs** within a 9-month timeframe. Created RESTful APIs, optimized database interactions, and implemented server-side logic using C# and .NET for enhanced scalability
- Improved **code coverage from 55% to 80%** by writing comprehensive unit tests for both frontend and backend components using Jasmine and xUnit, enhancing software reliability and maintainability
- Localized SOTI's flagship application for the Japanese market, achieving a **22% uplift** in market penetration and a **17% increase** in user engagement through language support and UI enhancements

### NCR

Software Developer Intern

Waterloo, ON

Nov 2021 - Aug 2022

- Implemented continuous integration and deployment pipelines using Jenkins and GitLab, streamlining the software delivery process and **reducing deployment time by 30%**
- Manually ran tests through the Postman API, and updated integration and end-to-end testing with JUnit and Cucumber as lead quality assurance engineer to increase code coverage from **72% to 88%**
- Coordinated sprint planning and reviews as well as tracked new and upcoming features through Jira's built-in agile functionality using sprints, backlogs, issue-tracking, and burndown charts

### RRK Polymers

Software Engineer Intern

Remote

June 2020 - Jan 2021

- Assisted in the development of an inventory tracking software among a team of 8 software engineers while implementing an agile approach, arranging scrum meetings, and coordinating the use of Git
- Contributed toward **5 major backend features** and database integration using MySQL and Java
- Final software successfully **decreased inventory assessment times by 68%**

## PROJECTS

### Lowkations React, Express, Node.js, Firebase

[tinyurl.com/Lowkations](https://tinyurl.com/Lowkations)

- Won **1st place** at a programming competition from **150** participants by creating a location-sharing web application
- Integrated Google Firebase to store authentication, user information and location data in JSON format
- Designed backend routes to transfer information through Express and Node using an **MVC** architecture

### TrackFolio Flutter, Dart, Firebase

[tinyurl.com/TrackFolio](https://tinyurl.com/TrackFolio)

- Developed a project/client management app, used by **275** freelancers and small businesses on the App/Play Store
- Implemented several features including project/client management, statistics, and calendar integration
- Maintained and regularly updated a version log and a publicly accessible API

## AWARDS

### André Auger Citizenship Award (\$5000 CAD)

UofG

Awarded for founding and leading GryphHacks, the university's first official yearly hackathon, raising over **\$25k** funding and bringing together over **700** students from **30** countries for 3 consecutive years

### Jay Majithia Scholarship (\$3000 CAD)

UofG

Awarded for significant contributions to departmental research in the School of Computer Science

### Adknown Scholarship (\$4000 CAD)

UofG

Awarded for showcasing extensive volunteerism, innovation, and inspiring community contributions