Rithik Choudhary

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EDUCATION

University of Guelph   Guelph, ON
BCOMP Software Engineering (Honours) *GPA:* **4.0**   Sept 2019 - Apr 2024
Minor in Business Economics

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, Redux, Flask, .NET, JUnit, K8s
Software:	AWS, Docker, Jira, Figma, Visual Studio, Github, MS Office, Adobe Suite, AutoCAD, Revit

EXPERIENCE

Crowning Consulting   Novi, MI, USA
Software Engineer (Remote)   Jan 2024 - Present

- Streamlined talent sourcing and **improved candidate placement efficiency by 20%** by developing a MERN stack-based recruitment platform that integrated third-party APIs (e.g., LinkedIn, Indeed)
- Built a secure, user-friendly admin dashboard with Angular and TypeScript for the agency to monitor recruitment metrics, visualize client data, and manage candidate pipelines
- Implemented a scalable authentication system with JWT and Node.js, **reducing authentication-related errors by 25%** and enabling secure, role-based access across all agency software for staff and clients

SOTI   Mississauga, ON
Full-Stack Developer Intern   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   Waterloo, ON
Software Developer Intern   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

PROJECTS

Lowkations *React, Express, Node.js, Firebase*   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
- 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 updated a version log and a publicly accessible API until the app's decommissioning in 2024

AWARDS

André Auger Citizenship Award ($5000 CAD)   UofG
Awarded for founding GryphHacks, raising **$25K** funding, and hosting **700+** students from **30** countries for 3 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