Rithik Choudhary

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EDUCATION

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

SKILLS

Languages:	C#/C++, Typescript, Python, Java, SQL, HTML/XML, CSS, JS, YAML, Dart
Technologies:	.NET, React, Angular, mySQL/MongoDB, Node/Express.js, Redux, Flask, JUnit, Kubernetes
Software:	AWS, GCP, Docker, Jira, Figma, Github, Jenkins, MS Office, Adobe Suite, AutoCAD, Revit

EXPERIENCE

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

- Developed a MERN stack-based recruitment platform integrating LinkedIn and Indeed APIs, automating candidate sourcing and **reducing recruiter workload by 40%**, improving placement speed and fill rates
- Built a secure admin dashboard with Angular and TypeScript, enabling recruiters to track hiring metrics and manage candidate pipelines, eliminating manual spreadsheets and **saving 15+ hours** of admin work per week
- 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 LiveView, a real-time and historical device data monitoring system that reduced delivery disruptions, operational error, and investigation costs, **saving clients $2.5M+** annually and **earning $3M+** in new contracts
- Localized SOTI's XSight platform to enable biligual support using i18n libraries and custom-built pipes, resulting in **22% market growth** and annually contributing an additional **$1.4 million in revenue**
- Developed the Self-Service Portal (SSP) to enable clients to locate, lock, and wipe devices without IT support, **reducing IT tickets by 28%** and cutting service costs by **$450K annually**

NCR Waterloo, ON
Software Developer Intern Nov 2021 - Aug 2022

- Built banking integration services in Java and GCP, enabling NCR's Channel Services Platform to automate transactions with core banking systems (Finastra, FIS), reducing manual processing costs by **$3.2M annually**
- Led backend development of NCR's mobile check deposit system, integrating OCR with banking APIs for remote deposits, **increasing digital transactions by 25%** and cutting in-branch costs by **$1.5M annually**
- Developed teller features like transfers, loan payments, and check processing in Java and YAML, **reducing wait times by 40%** and enabling **2M+ more transactions monthly** without extra infrastructure costs

RRK Polymers Remote
Freelance Software Engineer (Contract) June 2020 - Jan 2021

- Designed and built the company's first digital inventory tracking system in Java and MySQL, replacing manual pen-and-paper processes and **reducing inventory assessment times by 60%**
- Developed a user-friendly web app in React for real-time inventory entry and tracking, eliminating spreadsheets and enabling staff to log and retrieve data **3x faster**
- Optimized validation and error-handling logic, preventing incorrect entries and **reducing discrepancies by 50%**

PROJECTS

Lowkations *React, Express, Node.js, Firebase*
- 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*
- 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