

# FRANK YANG

frankyang0712@gmail.com

647-936-4979

## SUMMARY

Web Developer with 4+ years of experience delivering scalable full-stack applications. Proficient in JavaScript, React.js, Node.js, and SQL, with expertise in building solutions from scratch. Strong communicator with a proven ability to translate business needs into technical solutions and improve development efficiency.

## TECHNICAL SKILLS

Frontend:	HTML, CSS, JavaScript, React.js, Bootstrap
Backend:	Node.js, Knex.js, GraphQL, SQL (MySQL, PostgreSQL), REST APIs (JSON, XML)
Languages:	C, C#, Java, Python
Tools & Platforms	Git, GitHub, Bitbucket, Jira, Figma, AWS, Excel

## EDUCATION

### Bachelor of Computer Science

Ryerson University

Sept. 2014 - Oct. 2019

## WORK EXPERIENCE

### Software Developer

Tasttlig Inc. Toronto, Ontario

Jun. 2021 – Nov. 2022

- Developed responsive web applications with React.js and CSS3 media queries, ensuring optimal layouts across various devices and screen resolutions
- Used React Hooks and Context API to streamline global state management and reduce code duplication
- Presented implemented features to non-technical stakeholders each sprint, explaining technical concepts clearly and concisely
- Built and maintained Node.js backend services to digitize business workflows and improve operational efficiency
- Implemented integrations with external APIs including Google Maps and Stripe, expanding application capabilities and supporting key business workflows
- Built JWT-based authentication and authorization flows to securely manage user sessions and protect API endpoints
- Designed and optimized MySQL database queries and schema structures to support scalable application features
- Utilized Knex.js to build and execute data migration scripts, managing schema updates and data transformations.
- Improved database performance by optimizing SQL queries and indexing frequently accessed tables

- Built secure data handling flows with encryption, ensuring 100% compliance with company security standards
- Implemented unit tests for core components, improving code reliability and reducing production bugs
- Applied secure coding best practices, including input validation and proper handling of sensitive data
- Utilized AWS RDS and S3 alongside Bitbucket pipelines to monitor application performance, debug issues, and support stable deployments
- Implemented robust error-handling and logging mechanisms to improve debugging efficiency and reduce production incidents
- Contributed to deployment workflow improvements using Bitbucket Pipelines, increasing release reliability and reducing deployment time
- Collaborated using Git and Bitbucket with feature branching and code reviews to maintain a clean, stable codebase
- Participated in Agile ceremonies including sprint planning, standups, and retrospectives to align development priorities and improve team productivity
- Worked closely with designers, QA testers, and backend engineers to ensure smooth feature delivery from development to deployment

## **C# Developer**

Insix Inc. Toronto, Ontario

Jan. 2021 - May. 2021

- Developed a Telnet-based C# application for high-speed scanners, enabling seamless device communication and reducing operational downtime
- Built backend logic in C# to process scanner data efficiently and support internal system workflows
- Worked with legacy system components to ensure compatibility and stable communication between devices and internal tools
- Optimized SQL queries and refactored inefficient code segments, resulting in a 25% improvement in system response time
- Analyzed existing database interactions to identify bottlenecks and improve data retrieval performance
- Troubleshoot communication issues between scanning devices and internal systems, improving reliability and data accuracy
- Collaborated with QA testers to reproduce bugs, validate fixes, and support stable software releases
- Worked closely with design and business teams to ensure UI workflows and system behavior aligned with operational requirements
- Participated in team discussions to clarify technical requirements, user needs, and development priorities