

# Kenny Rabiuk

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## SKILLS

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**Languages:** C | C++ | Java | Python | JavaScript | TypeScript | HTML | CSS | SQL | NoSQL | MySQL | MongoDB

**Technologies:** Node | React | React Native | Next.js | Redux | Express | Tailwind | Angular | Kotlin | Git | Docker | AWS | Kubernetes | Jira | Confluence | Jest | Selenium | Puppeteer

**Methodologies:** Microservices | Distributed Systems | Frontend | Backend | Full-Stack | Agile | Scrum | OOP | Functional Programming | Multi-threading | Network Protocols | State Machines | Unit Testing

## EXPERIENCE

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### TD Bank Financial Group

Toronto, Ontario

*Software Engineer Intern*

*May 2023 – Aug 2023, Full-time*

- Improved customer service platform efficiency by 15% through implementing **Java** based **OOP** concepts, **SOLID** principles, and secure coding practices (input validation, sanitization, authentication and authorization).
- Developed an enhanced business partnership platform (EBC) with Angular, streamlining business inquiry processes and boosting efficiency by 20%.
- Developed and integrated microservices using Java, **JavaScript**, and **Python**, enhancing the functionality of TD's technology platforms.

### Guidewire Software Inc.

Toronto, Ontario

*Full-Stack Software Engineer Intern*

*May 2024 – Aug 2024, Full-time*

- Developed a JavaScript data fetching module, reducing retrieval time by 25% and enhancing user experience.
- Led backend development and designed **RESTful APIs** using **Java/Kotlin** in an agile, test-driven environment. Implemented features with React, increasing system scalability and reducing bugs.
- Utilized **AWS** services (EKS, Aurora/RDS, VPC) to implement cloud-native infrastructure, enhancing system reliability and reducing infrastructure costs by 10%.
- Continuous Integration/Deployment, pull requests, code reviews, load/stress testing, unit/integration/**e2e testing**.

## EDUCATION

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### McMaster University

Hamilton, Ontario

*BASc. in Computer Science; **GPA: 3.5/4.0***

*Sep 2021 – May 2025*

*Minor Degree in Automation Engineering (Dean's List); **GPA: 3.7/4.0***

*Oct 2020 – Jun 2021*

**Relevant coursework:** Data Structures and Algorithms, Databases, Object-Oriented Programming (OOP), Information Security, Operating Systems.

## PROJECTS

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### Yoruba Language Learning Site | [GitHub](#)

- Developed a full-stack language learning application with JavaScript, **React**, and **Next.js**, featuring an intuitive UI for immersive learning and cultural appreciation of the Yoruba language.
- Integrated interactive quizzes for engaged learning, alongside a robust **user authentication** system and **secure session management**, ensuring secure and immersive learning.

### Home Automation Web App | [GitHub](#)

- Created a user-friendly dashboard using React and Next.js to display real-time data on household variables, including temperature and lighting, with custom API routes for efficient data retrieval.
- Developed a live-stream interface for remote surveillance, enhancing home security.

### Amazon Web Scraping API | [GitHub](#)

- Developed a web scraping API using JavaScript, **Node.js**, **Express**, and **Puppeteer** to automate the extraction of product data from Amazon, enabling streamlined access to real-time search results for online ordering.
- Implemented data filtering, ensuring relevant product data (title, price, rating, link) are included in the API response.