Kenny Rabiu

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EDUCATION

McMaster University — Hamilton, Ontario
BASc. in Computer Science; ***GPA: 3.5/4.00*** — *Sep 2021 − May 2025*
Minor Degree in Automation Engineering (Dean's List); ***GPA: 3.7/4.00*** — *Oct 2020 − Jun 2021*

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

SKILLS

Languages: C/C++, Java, Python, JavaScript, HTML/CSS, TypeScript, SQL/NoSQL

Technologies: Node.js, ReactJS, React Native, Angular, MySQL, MongoDB, Git, Docker, AWS, Kubernetes, Jira, Confluence, Windows/Linux/Unix

Methodologies: Agile, Scrum, OOP, Functional Programming, Multi-threading, Network protocols, State machines

EXPERIENCE

TD Bank Financial Group — Toronto, Ontario
Software Engineer Intern — *May 2023 − Aug 2023, Full-time*

- Enhanced customer service platform efficiency by 15% through implementing Java-based OOP concepts, SOLID principles, and secure coding practices (input validation, sanitization, authentication and authorization).
- Collaborated with a team of developers to build an improved business partnership platform (EBC) using Angular, streamlining business inquiry processes and improving efficiency by 20%.
- Leveraged expertise in Java, JavaScript, and Python to significantly enhance TD's technology platforms.

Guidewire Software Inc. — Mississauga, Ontario
Full stack Software Engineer Intern — *May 2024 − Aug 2024, Full-time*

- Agile development internship, focusing on Java/Kotlin and modern object-oriented programming, along with client-side frameworks like React and Angular.
- Collaborating in iterative software development processes, including Test-Driven Development (TDD) and cloud-native technologies, primarily AWS services.
- Contributing to backend and web-based application development, with an emphasis on RESTful API, Microservices, and leveraging a curiosity for technical problem-solving.

AWARDS & ACHIEVEMENTS

Dean's List: Awarded to students achieving a GPA of 3.5 or higher on a 4.0 scale during Level 1 and 2. (Jul 2024)

PROJECTS

Yoruba Language Learning Site | *GitHub*

- Developed a full-stack language learning application with JavaScript, ReactJS, 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 to ensure a secure and consistent user experience.

Home Automation | *GitHub*

- Created a user-friendly dashboard using ReactJS and Next.js to display real-time data on household variables, including temperature and lighting, with custom API routes for efficient data retrieval.
- Improved home security through the development of a live-stream interface, enabling remote surveillance and control capabilities for enhanced monitoring.

Amazon Web Scraping API | *GitHub*

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