# Kenny Rabiu

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## SUMMARY

Aspiring Full-Stack Software Engineer with expertise in Java, Python, and cloud technologies, delivering scalable RESTful applications and microservices in fast-paced Agile environments.

## EDUCATION

**McMaster University**                                                                                              Hamilton, Ontario
*BASc. in Computer Science;* **GPA: 3.78/4.0**                                                        *Sep 2020 – May 2025*
*Minor Degree in Automation Engineering (Dean's List);*

**Relevant coursework:** Data Structures and Algorithms, Databases, Object-Oriented Programming (OOP), Computer Networks and Security, Operating Systems, Fundamentals of Machine Learning

## EXPERIENCE

**Guidewire Software Inc.**                                                                                           Toronto, Ontario
*Full-Stack Software Engineer Intern*                                                                          *05/2024 – 08/2024*
- Developed a TypeScript data fetching module with JSON integration, reducing retrieval time by 25% and enhancing user experience for 500,000+ platform users in a fast-paced environment.
- Designed RESTful APIs using Java and Kotlin in an Agile, DevOps-driven setting with Git and Jenkins, handling 50,000+ daily requests and supporting system engineering tasks.
- Implemented scalable cloud-native infrastructure with AWS Lambda (S3, API Gateway, DynamoDB), leveraging virtualization concepts to achieve 99.95% uptime and 30% cost reduction.
- Collaborated cross-functionally to deliver dynamic React visualizations, boosting scalability for 100,000+ users while reducing bugs by 15% through rigorous testing.

**TD Bank Financial Group**                                                                                        Toronto, Ontario
*Software Engineer Intern*                                                                                          *05/2023 – 08/2023*
- Enhanced a Java-based customer platform with RESTful Web Services, processing 10,000+ transactions daily, improving security and client-focused outcomes.
- Streamlined 200+ daily business inquiries on TD's EBC platform using Angular, integrating NoSQL and SQL (Postgres-compatible) for 20% efficiency gains.
- Built microservices with Python and JavaScript in a DevOps pipeline, enhancing reliability and supporting open-source technology adoption.

## PROJECTS

**Yoruba Language Learning Site** | *GitHub*
- Created a full-stack React and Next.js application with RESTful APIs and JSON data handling, fostering cultural learning in a client-focused design.
- Integrated serverless functions with NoSQL for 20% faster data access, applying Cloud Engineering principles for scalability.

- Developed secure user authentication and session management, enhancing functionality in an Agile environment.

**NextMove - Email Classification Chrome Extension** | *GitHub*
- Built an ML-powered Chrome extension using Python and scikit-learn, achieving 97% email classification accuracy with a custom dataset.
- Engineered a Python backend with RESTful API integration, supporting system engineering and virtualization for efficient data processing.
- Collaborated on open-source development, fine-tuning NLP models (BERT) in a fast-paced setting.

## SKILLS

**Languages:** Java | Python | C/C++ | Golang | Ruby | JavaScript | TypeScript | SQL | NoSQL | HTML | CSS

**Technologies:** Git | Jenkins | AWS | Docker | Kubernetes | React | Next.js | Express | MongoDB | Postgres | Linux | scikit-learn | RESTful APIs | Web Services | JSON

**Methodologies:** Cloud Engineering | DevOps | Agile | Microservices | Full-Stack | System Engineering | Virtualization | OOP | Unit Testing

**Soft Skills:** Problem-Solving | Collaboration | Client-Focused | Results-Driven