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Nicholas Ekwom

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Qualifications

* Graduate of NAIT Diploma in Computer Software Development
* Diploma in Computer Software development with a 3.8 GPA
* Currently Enrolled at NAIT for a bachelor’s in applied sciences and Technology Program
* I am a respectful self-motivator gifted at ﬁnding reliable solutions for software issues.
* Experienced in programming and problem-solving and offering skills in C#, CSS, HTML, JAVA, React, JavaScript, and SQL.
* I am accustomed to working with cross-cultural, global, and online teams.

Skills

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| --- | --- |
| * JavaScript * JAVA * HTML * GIT * C# * SQL * APIs * Jquery | * .NET * Quality assurance * CSS * Analytical thinking and problem-solving * Python * React * Node.js * ASP.NET |

Experience

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| --- | --- |
| CAN Africa | Edmonton, Alberta  Software Developer  *01/2023 – 04/023* | * Worked in a Team with other developers where we improved on a system that helps teachers at Can Africa establish lessons, add materials, and create quizzes. * Learners were able to join a room created by the instructor and interact with class content. * The system featured 2 factor authentication which we implemented using SendGrid. * The system offered real-time updates from the instructor to the learner view, we implemented this functionality using C# Signal library. * We updated old code bases to modern development standards, improving functionality. * We developed, and implemented C#, HTML, CSS, JavaScript as well as TSQL on the web application based on client requirements. * Designed intuitive graphical user interfaces to improve user experience. * Performed Unit Tests and Integration Tests on programs and databases to identify issues and make necessary modiﬁcations. * Coordinated with project management on database development timelines. |

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| --- | --- |
| IKEA | Edmonton, AB  Cashier  *01/2022 - Current* | * Helped customers find specific products, answered questions, and offered product advice. * Trained team members in cash register operation and stock procedures |

Education and Training

**Digital Media and IT - Computer Software Development**

Northern Alberta Institute of Technology | Edmonton, Alberta

*09/2021 - 04/2023*

* Obtained a 3.8 GPA
* Honor Roll Winter 2022 and Fall 2023
* Dean's List Honoree Winter 2022 and Fall 2023
* Video Making Club Founder/President

**Bachelor’s in applied information sciences and technology - Computer Software Development**

Northern Alberta Institute of Technology Edmonton, Alberta

*Expected Graduation Date 04/2025*

* 3.8 GPA

Languages

|  |  |  |
| --- | --- | --- |
| **English:**    Native/ Bilingual |  | **French:**    Professional |

**Portfolio and Projects**

**Personal Web Portfolio**

[**nicholasekwom.com**](https://nicholasekwom.com/)

**ABC Hardware Items and Customer Tracking site:**

The inventory and customer management system enables companies to efficiently handle inventory, customer data, and sales transactions without directly processing payments. It offers:

* Comprehensive inventory management for tracking, adding, and updating stock.
* Customer information management for personalized interactions.
* Point-of-sale functionality for processing transactions, generating invoices, and recording sales data.
* Integration with external payment gateways for seamless payment processing.
* Scalability and flexibility to adapt to evolving business needs.

**Upstream: Oil & Gas Simulation**  [**Upstream Repo**](https://github.com/Phahose/Upstream/)

Worked in a team to develop a system in a team with other developers to assist Can Africa teachers in creating courses, adding resources, and creating tests. Students could connect with course materials by entering a room that the lecturer had set up.

* The system is an online educational platform facilitating content management for instructors and engagement for students.
* Instructors create classes, upload content, and set activities; students join classes, access content, and participate in activities.
* Real-time updates and communication tools ensure smooth interactions between instructors and students, enhancing the learning experience.

**CN Maisons Property Management System:** [**DEV1Server**](http://dev1.baist.ca/students/nekwom1)

Worked in a team to develop a web-based rental management system for CN Maisons, streamlining property management for landlords and rental processes for tenants. The platform provides an efficient way for tenants to browse properties, apply for rentals, and manage payments, while landlords can oversee property listings and tenant interactions.

* Landlords can list properties, manage tenant applications, track rental payments, and schedule property visits; tenants can browse listings, apply for rentals, and receive automated rent reminders.
* Real-time notifications, and secure user authentication, improving the overall rental experience.
* Built with ASP.NET Core for the backend, Razor Pages for the frontend, and SQL Server for database management, ensuring robust performance and scalability.
* The system includes background services for sending reminder emails and handling scheduled tasks, enhancing operational efficiency for landlords and property managers.

**Club BAIST Project: Web-Based Golf Club Management System** [**Club BAIST GitHub Repo**](https://github.com/Phahose/ClubBAIST)

Developed a web-based management system for Club BAIST, enhancing the automation of tee time bookings, memberships, and player scores.

* Members can book tee times, manage reservations, view player scores, and update personal information; the club's staff can manage tee sheets and process memberships.
* Built with ASP.NET Core for the backend, Razor Pages for the frontend, and SQL Server for database management, ensuring reliable performance and scalability.