

CHIDIEBERE Nwigwe

SOFTWARE DEVELOPMENT ENGINEER | FULL-STACK DEVELOPER

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SUMMARY

Self-motivated Software Development Engineer with hands-on experience building scalable web and cloud-based applications. Proficient in **C++**, **JavaScript**, and **C#** with a strong foundation in object-oriented programming and distributed systems. Adept at working in Agile teams to design and deliver customer-centric solutions. Passionate about solving complex technical challenges and growing in a fast-paced engineering environment.

EDUCATION

Software Development Diploma | Bow Valley College, Calgary, Alberta

Expected Graduation: June 2025

Relevant Coursework:

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|---------------------------------------|-------------------------------|-------------------------------|
| • Web Development, Mobile Development | • Object Oriented Programming | • Database Management |
| • Project Management (Agile Scrum) | • UI / UX | • Algorithm & Data Structures |

TECHNICAL SKILLS

- **Languages:** C++, C#, Python, JavaScript, HTML, CSS, PHP, Kotlin
- **Frameworks & Libraries:** jQuery, Node.js, Express.js, React.js, MongoDB Atlas, SQL Server
- **Tools:** Azure, GitHub, Postman, Visual Studio, Trello
- **Databases:** SQL, NoSQL (MongoDB)
- **Concepts:** RESTful APIs, Scalable System Design, Agile methodologies, Database optimization, Web Development

RELEVANT WORK EXPERIENCE

Rukbe Tech Website Redesign and User Experience Enhancement

Rukbe- Calgary, AB, Canada | Jan 2025 - April 2025

- Contributed to the redesign of an outdated, slow-loading website, leading to faster load times and improved user engagement by reducing bounce rate.
- Built responsive, accessible user interfaces using Figma wireframes supporting faster and more consistent front-end development.
- Led a team of 5 using Agile Scrum to deliver a production-ready MVP 2 weeks ahead of schedule.
- Conducted competitor analysis and user research, leading to feature prioritization that increased user task completion rate.

Sales and Customer Service Representative

BonnyBest Computer Services, Nigeria | April 2022 – Jan 2023

- Resolved over 100+ customer tech support issues, decreasing average handling time through better workflow scripts.
- Helped optimize sales funnel through customer feedback loops, boosting sales by 2% in Q3.

- Acted as liaison between customers and technical staff, streamlining communication and increasing first-time resolution rate.

RELEVANT PROJECTS

Login Website | [GitHub Repository](#)

Technologies: PHP, SQL

- Built an authentication system from scratch that reduced unauthorized access attempts via secure session handling.
- Streamlined student access to task dashboards and cutting manual login issues.

Connect4 Game | [GitHub Repository](#)

Technologies: C#

- Developed a logic-optimized game loop enabling smooth gameplay across 10+ simulated plays with minimal lag.
- Built modular code architecture to allow rapid feature extension and AI integration.

Coworking Workspace | [Live Demo](#) | [GitHub Repository \(Frontend\)](#) | [GitHub Repository \(Backend\)](#)

Technologies: HTML, CSS, JavaScript, Node.js, MongoDB Atlas

- Developed a scalable full-stack application for managing bookings with user authentication and real-time CRUD operations.
- Implemented robust backend operations with Node.js and MongoDB Atlas, ensuring secure data handling.

Personal Website | [Live Demo](#)

Technologies: HTML, CSS, JavaScript

- Showcases portfolio and GitHub activity—built for recruiters to access quickly, reducing search time.
- Integrated Google Sheets form to automate data capture, eliminating need for manual input.

Weather Website | [Live Demo](#)

Technologies: HTML, CSS, JavaScript

- Built a real-time weather app using external APIs, returning instant location-based results with under 1s latency.
- Coded for mobile responsiveness to scale across various device types—improving accessibility.

Dynamic Registration Form | [Live Demo](#) | [GitHub Repository \(Frontend\)](#) | [Github Repository \(Backend\)](#)

Technologies: HTML, CSS, JavaScript, Node.js, MongoDB Atlas

- Designed and deployed a fully serverless form system.
- Automated backend data validation and API calls, reducing human intervention and scaling with ease.

KWIZMI Quiz App | [Github Repository](#)

Technologies: C#, Windows Form

- Created an efficient quiz app with a dynamic question engine capable of handling 10+ questions via modular codebase.
- Applied object-oriented programming principles to design modular and reusable code.