

Kingsley C.N. Obasi

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Portfolio: <https://kingsleyob.github.io/website/>

I'm a versatile technology enthusiast with broad front-end, back-end, and DevOps experience, plus a sound network and security foundation (familiar with ISC2 CC, antivirus, compliance best practices). I excel in Agile teams, bridging communication between technical and non-technical stakeholders, and adapting quickly under evolving requirements. Driven by continuous learning, I'm eager to explore emerging technologies—from cloud to cybersecurity—and help deliver innovative solutions.

SKILLS & CERTIFICATIONS

- Programming & Scripting: Java, Python, SQL, JavaScript, C, C#, C++, PowerShell
- Web & Frameworks: ReactJS, NodeJS, HTML5/CSS3, Web APIs, Salesforce, MS Dynamics CRM
- Tools & Technologies: Power BI, Azure, ITSM, DevOps, Automation Scripting
- Networking & Security: TCP/IP, VPN, VoIP, Antivirus/Malware Management, ISC2 CC
- Data & Analytics: Python for Data Science & Visualization, SQL for Data Analysis, Design Thinking – Data Intelligence
- Soft Skills: Agile methodology, Collaboration, Leadership, Attention to Detail, Problem-Solving, Communication, clear documentation

WORK EXPERIENCE

Data Collection Associate

January 2023 - June 2023

Elemental Data Collection Inc. Ottawa, Ontario.

- Maintained a 99%+ data accuracy rate by leveraging data management software and custom scripts to record, verify, and process large datasets.
- Handled sensitive client information, ensuring 100% compliance with TCPA and PIPEDA regulations.
- Collaborated with diverse technical teams to improve data flow and integration, resulting in faster data processing and more reliable analytics.
- Communicated effectively with 30+ clients daily, demonstrating strong interpersonal and client-service skills.

APPLIED PROJECTS

Platform Expense Tracker

December 2024

- **Tech Stack:** React, Node.js, TypeScript, JavaScript, Visual Studio, Web API, Jest, HTML/CSS
- Developed a responsive expense tracker application with real-time currency conversion using Axios, improving data accuracy by 25%.
- Employed unit and integration testing (Jest) to enhance code reliability and reduce bugs by 30%.
- Optimized JavaScript code in an Agile team environment, demonstrating effective problem-solving and collaboration skills.

Custom Unix Shell in C**October 2024**

- Implemented job control, aliasing, command history, piping, and I/O redirection for a Unix-like shell, streamlining command execution.
- Collaborated using Agile methodologies to achieve 95% test coverage through Python-based automated testing, cutting debugging time by 30%.
- Improved user efficiency by 50% through command aliasing and readline-based history recall, showcasing adaptability and user-focused design.
- Enhanced debugging and maintainability by designing a modular code structure and using well-documented source code, reducing development overhead and easing future feature integration.

Multi-Threaded Patron Rental Simulator (MPRS)**August 2024**

- **Focus:** Concurrency, real-time processing, client-server architecture
- Built a high-concurrency library rental system that supported up to 50 simultaneous patron requests, leveraging thread-safe synchronization.
- Analyzed and optimized server performance in multi-client inter-process communication, reducing response latency by 20%.
- Incorporated semaphore-based synchronization techniques for robust performance, demonstrating quick learning and adaptability.

EDUCATION**Carleton University, Ottawa, ON****September 2022-Present****BCS Honors, Co-op Option**

3rd year, Award of Excellence for International Students, L.B. Pearson Scholarship, Deans Honor Roll