

Gregory Odiase

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Summary

Motivated software developer with degrees in computer science and Data Analysis for Business with a solid foundation in full-stack development. Proficient in MERN stack, basic database management, version control using Git, Data analysis with SQL/python, and Data Engineering. Demonstrates strong analytical, leadership, problem-solving, and creative thinking abilities, honed from experiences owning products and delivering projects. Eager to contribute to innovative projects and collaborate within a collaborative environment to drive impactful solutions in education and career development.

Professional Experience

Developer/Researcher/Tutor | St Clair College | Jan 2024 – Present

- Designed and implemented Power BI dashboard post data analysis for Invest Windsor, enhancing data visualization.
- Volunteer tutor for programming, introduction to Python, Flask, and basics of application design.
- Student researcher for smart helmet implementation, focusing on mobile development considerations and data flow.

Full-stack Engineer | MyAIPathway, Windsor | May 2024 – Present

- Developed high-performance front-end infrastructure with Html, React.js, and Next.js, focusing on usability and responsive design.
- Built complex REST APIs, using optimized algorithms and leveraging WebSockets for real-time data exchange.
- Leveraged Tailwind CSS to streamline styling processes and enhance mobile-first website development.
- Implemented database management with AWS RDS and MySQL, ensuring robust server-side interactions; additionally explored server-side programming.
- Performed Code Reviews on distributed application components, enhancing team skills in the collaborative environment.

Backend Engineer | Lidya, Remote | January 2024 – May 2024

- Designed and implemented backend architecture using Node.js and TypeScript, ensuring 99.9% uptime for critical applications.
- Developed scalable API integrations with Oracle databases to serve millions of requests efficiently, utilizing GraphQL for optimized data processing and retrieval.

- Built secure authentication and authorization systems in Nest.js applications, protecting user data for over 10,000 users.
- Implemented cloud-based solutions using AWS, ensuring seamless data ingestion with ETL data pipelines and module testing frameworks.

Application Engineer | CWG | August 2022 – December 2023

- Delivered user training sessions for bank employees to optimize their usage of the Finacle platform and reduce recurring support requests.
- Managed software upgrades, patches, and configurations for the Finacle application, ensuring minimal downtime and business continuity.
- Conducted SQL data access and query optimization, ensuring smooth operations for internal teams while maintaining responsibility for data integrity and relational databases.

Application Engineer | United Bank for Africa | August 2019 – August 2022

- Implemented web development using web frameworks like Angular and React, ensuring compliance with HTTP standards.
- Documented software features using Confluence, improving team collaboration. Writing technical documentation for product development.
- Troubleshoot and resolved critical application errors related to transactions, account management, and financial reporting within the Finacle system.
- Coordinated with cross-functional teams to escalate unresolved technical issues to development teams, ensuring adherence to SLAs.

Education

Post Graduate Diploma, Data Analytics for Business

St. Clair College | January 2024 – April 2025

Bachelor of Science in Computer Science

University of Port Harcourt | September 2012 – April 2016

Volunteering

- Instructor, Black Boys Code
- Mentor, Code the Dream

Certifications

- Microsoft Azure Fundamentals