Arthur Uwalaka

Email: uwalakaarthur@gmail.com | **LinkedIn**: linkedin.com/in/arthuruwalaka | **GitHub**: github.com/arthuruwalaka

EDUCATION & CERTIFICATIONS

University of Alberta   **September 2018 - June 2023**
Bachelor of Science in Computer Science   *Edmonton, Alberta Canada*

AWS Certified Solutions Architect - Associate - *Amazon Web Services*   **Certified**: June 2024 (Expires June 2027)

WORK EXPERIENCE

Round Signal Interaction Technology Inc.   **April 2023 - Present**
Software Engineer   *Ontario, Canada*
- Reduced latency by 25% using database optimization by building out a caching class utilized by all services and incorporating Redis in the system design.
- Developed 10+ API flows using Node JS and Express JS and used Postman to perform manual and automated testing with Collection Runner.

NMR Intercontinental Limited   **January 2022 - December 2022**
Software Engineer Intern   *Lagos, Nigeria*
- Improved job scheduling UI responsiveness, decreasing time spent per job by 30%
- Boosted test coverage by 10% by writing 60+ unit tests using JUnit and PyTest.

CS Level-Up   **April 2021 - September 2021**
Course Facilitator   *Ontario, Canada*
- Designed and reviewed course materials on HTML, CSS, JavaScript, and web development principles and developed practical assessments to help learners test their knowledge.

PROJECTS

Calendar Med
- Built a BI tool for the University of Alberta Dentistry to manage schedules and reports.
- Leveraged Django middleware for user hierarchy and permissions.
- Performed cross-browser UI functional testing using Selenium on React frontend.

Habit Tracker
- Developed a Habit tracker application using Android Studio and Java that allows users to keep up with their habits and the Habits of other users they follow.
- Implemented an MVC architecture to separate components making it easier to scale and add new features.

Twitter Bookmarks Search
- Created a web app for managing and searching Twitter bookmarks using Django and MySQL.
- Optimized performance by caching bookmarks and real-time updates.

SKILLS

Programming Languages: Python, JavaScript, Java, TypeScript, C.
Web Development: React, Angular, Node.js, HTML/CSS, SCSS.
Databases: MySQL, SQLite, PostgreSQL, NoSQL.
Tools/Platforms: Docker, Git, AWS, Linux, REST, Scikit-Learn.
DevOps/CI/CD: DevOps, CI/CD pipelines.

EXTRACURRICULAR

Ada's Team   **September 2020 - April 2023**
- Tutored 15+ students as part of Ada's Team, improving their understanding of programming concepts.

Google Developer Student Club   **January 2021 - April 2023**
- Hosted 5+ programming workshops for Google Developer Student Club attendees.