

Arthur Uwalaka

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EDUCATION & CERTIFICATIONS

University of Alberta

Bachelor of Science in Computer Science

September 2018 - June 2023

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, Django, HTML, SCSS/CSS, Tailwind CSS.

Databases: MySQL, SQLite, PostgreSQL, Firebase.

Tools/Platforms: Docker, Git, AWS, Linux, REST, PyTorch.

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.