

# MUHAMMED ANJOLA ADEYEMI

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## TECHNICAL SKILLS

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- Languages: Java, Python, JavaScript, C, pHP, TypeScript, Kotlin
- Technologies: Node.js, React/React Native, Angular, Next.js, Docker, Express.js, Nest.js, Jenkins (CI/CD), AWS(Lambda, API Gateway, ECR, EC2, ECS, Cloudwatch, S3, DynamoDB), Google Cloud (GCP), MongoDB, MySQL, PostgreSQL, Figma, Android Studio

## PROFESSIONAL EXPERIENCE

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CAPCO - Toronto, Canada

JAN 2023 – Aug 2023

### Software Developer Intern

- Replaced a legacy api system for a large multinational financial institution, which involved leveraging calls to services on AWS which had to be asynchronous and encrypted. These changes were made with Java/SpringBoot on a Maven project. This task improved the performance of the system making it faster, scalable, and more secure.
- Successfully moved an authentication system to AWS cloud by utilizing TypeScript, NodeJS, AWS Lambda, api gateway and EC2 to build a serverless system and improve system performance and scalability.
- Designed and executed a JUnit test suite, achieving 90% code coverage to ensure the reliability and maintainability of the software system.
- Created clear and concise documentation, including sequence diagrams, to facilitate understanding of the changes made to maintain the software system.

VerticalScope Inc. - Toronto, Canada

May 2022 – Aug 2022

### Software Engineer Intern

- Developed a solution to help users with buying decision by pulling more user generated content/comments about a specific product across various websites in Vertical Scope and integrated them onto the site with proper formatting techniques using Node.js, WordPress and pHP, this improved users' participation and visits to the site by 30% and improved purchases by 15%. This solution was integrated 3 other sites owned by VerticalScope.
- Conducted a spike to integrate lazy loading on a WordPress website through a specific plugin, resulting in a 30% improvement in site load time and reduced use of server resources.
- Developed a slack bot that used the GitHub and Slack APIs to send notifications to a slack channel through webhooks when certain actions occur on the GitHub repository, this improved the teams workflow and communication by providing a convenient way to stay up to date on project conversations and collaborate on a single channel.

Canadian CubeSAT - Toronto, Canada

Oct 2021 – Mar 2022

### Embedded Software Engineer

- Implemented a module to help control the reaction wheel of the satellite using I2C library. This module also helped the team verify communication with the satellite to make sure it is running and retrieve specifications of the hardware and software of the satellite.

- Implemented python scripts needed to maintain and keep track of the modules being pushed to the satellite's micro controller by building, flashing Arduino and injecting build version. This made it easier for other developers to push production ready code onto the version control.
- Developed and deployed docker containers for Ubuntu to update the GitLab pipeline to build platform IO version instead of Arduino IDE.

1Cademy - Michigan, United States

Jul 2020 – Oct 2020

**Python Developer**

- Implemented a simple module for searching and retrieving data from Wikipedia pages using Beautiful Soup, selenium, and extra formatting methods.
- Significantly improved the 1cademy platform by building a bot that automatically populates the site with accurate information, which improved the traffic on the website by 40%.

Chams Access Ltd - Lagos, Nigeria

Feb 2019 – Jul 2019

**Full-Stack Software Developer**

- To ease the payment of utility bills and entertainment expenses in a household, I developed a cross-platform mobile application that an in-app virtual card to pay utilities and sends reminders to the user about incoming and due bills, this helped users pay bills in a more organized and a convenient way and provided the opportunity for users to save towards household bills.
- Developed a mobile application for a meal management system using Android Studio, Java, RESTFUL API's, XML and SQL. Including an admin site to manage this application using html, css, and angular.
- Identified a high-level vulnerability on an ecommerce web server port using Burp Suite before, this saved the company potential losses that could have exposed 2 million plus users.

**Personal Projects**

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**QuickMart Mobile Application**

- This application helps users find local grocery stores in an area specific to an ethnicity with features such as navigation and store information.
- The application aims to solve the problem of finding familiar food items for international students or foreigners and boost sales for local grocery stores.

**Technologies used:** react native, nestJS(nodeJS), AWS, Docker, MongoDB, Trello

**DOGE TRADING BOT**

- The purpose of this bot is to monitor Elon Musk's tweet for the keyword Doge and then buy Doge through a provided Binance wallet

**Technologies used:** python, beautifulSoup, selenium

**EDUCATION**

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York University, North York, Canada

2019 - 2023

**Bachelor of Science Computer Science**