

# UKO UWATT

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## PROFESSIONAL SUMMARY

Talented junior software engineer adept at collaborating effectively with customers, team members, and project leaders to accomplish software engineering and updating tasks within set timelines. Experienced in team projects, API development, and scalable application building while maintaining a comprehensive understanding of the entire development lifecycle. Possesses a diverse skill set in working with various front-end and back-end technologies to produce and evaluate code efficiently.

## EDUCATION

ALX

Software Engineering Program ***Software Engineering Certification*** – 2024

[Certificate Link](#)

## SKILLS

- Languages: C, Python, JavaScript (ES6+), Bash, HTML, CSS.
- Frameworks: Express.js, Node.js, Flask, React, Tailwind
- Database: MongoDB, MySQL, Redis
- Testing: Mocha, Chai, Jest, React Testing Library
- Version Control: Git, GitHub
- Tools: Postman, Vim, Visual Studio, NetBeans
- Others: MS Office, CorelDraw, Documentation, API Integration, Responsive Web design.

## EXPERIENCE

Student at ALX (Sept 2023 – Oct 2024):

- Designed and implemented scalable APIs for web and mobile applications using technologies such as Flask, Express.js, and Node.js.
- Developed full-stack web applications with frameworks like React and Tailwind CSS, focusing on responsive and user-friendly designs.
- Gained proficiency in database design and management, utilizing MongoDB, MySQL, and Redis for scalable and efficient data storage.
- Collaborated with teams to execute end-to-end development of projects, including debugging and deployment.
- Integrated testing frameworks like Jest and Mocha to ensure code reliability and maintainability.

## PROJECTS

- FashionSmith ([GitHub Repository](#)):
  - Developed a web app for a bespoke tailoring brand:
    - enabling users to sign up
    - place custom orders with detailed measurements
    - make secure payments
    - schedule delivery.
    - simplifies the tailoring process by providing a seamless digital experience for both clients and administrators.
    - Technologies used: MERN (MongoDB, Express.js, React, Node.js), Tailwind CSS, Postman.
- Musical ([GitHub Repository](#)):
  - a media streaming web app that
    - leverages APIs to deliver dynamic and engaging media content to users.
    - features seamless playback and designed to provide a smooth and responsive user experience
    - efficiently managing media data through backend services.
    - Technologies used: Flask, Python, HTML, CSS, JavaScript, Bootstrap.
- ParentPal ([GitHub Repository](#)):
  - designed to connect clients with nearby tutors based on their location.
  - Integrated the TomTom API to geocode addresses into coordinates, enabling the system to recommend the closest tutors efficiently.
  - Focused on backend development to build scalable APIs using Express.js and managed data storage with MongoDB and Redis.
  - This project strengthened my expertise in backend development, API design, and real-world application of geolocation services.
  - Technologies used: JavaScript, Express.js, Redis, MongoDB, Postman.
- Airbnb Clone ([GitHub Repository](#)):
  - Collaboratively built a replica of the Airbnb website:
    - focusing on implementing core functionalities such as user authentication, property listings, and search features.
    - Leveraged Flask to create a robust backend, while HTML5 and CSS3 were used to design a responsive and visually appealing frontend.
    - This project enhanced my skills in web development, teamwork, and integrating frontend and backend technologies.
    - Technologies used: HTML5, CSS3, Python, Flask.
- Simple Shell ([GitHub Repository](#)):
  - Developed a command-line interface (CLI) in C that:
    - emulates the Linux shell.
    - The project supports text-based commands to interact with the operating system, including process creation, file manipulation, and basic shell operations.
    - This initiative was aimed at strengthening my understanding of C programming, low-level system interactions, and Bash scripting.
    - Technologies used: C, Bash, Shell.