Arukwe Kelechi Denise

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OBJECTIVES

A motivated and passionate beginner in software engineering eager to contribute to dynamic backend development projects. Committed to learning and applying new technologies to solve complex problems in a collaborative environment.

ACADEMIC DETAILS

- University of Cape Coast, Ghana, 07/2015 - 06/2016, Master of Science in Mathematical Sciences
- University of Nigeria, Nsukka, Enugu, Nigeria, 09/2008 – 07/2012, Bachelor of Science in Mathematics

ADDITIONAL ACADEMIC DETAILS

- ALX Africa Software Engineering Program, 20/02/2023 - 05/04/2024.

TECHNICAL SKILLS

- Programming Languages: C, Python, Javascript, Typescript
- Data structures and algorithms
- Software development methodologies
- Web Development: HTML, CSS, React.
- Database management: MYSQL, MongoDB
- Version control (Git &GitHub)
- Application Programming Interface (API)
- Testing and debugging.
- System architecture and design
- Ubuntu, microsoft office, google workspace, outlook, zoom, google meeting.

SOFT SKILLS:

- Problem solving, Critical thinking, Effective communication
- Adaptability and flexibility, Teamwork and collaboration
- Attention to details and Time management
- Continuous learning and Emotional intelligence

PROJECTS:

- **Simple Shell**

Description: Collaborated with a team to develop a custom Unix shell called Simple Shell. Implemented features such as command parsing, executing system commands and handling input/output redirection. Designed the user interface for improved usability and efficiency.

Technologies Used: C programming language, unix system calls

- **Automech Locator**

Description: Contributed to the development of Automech Locator, a web application designed to help users locate nearby auto mechanic workshops. Implemented features such as user registration, workshop search functionality

Technologies Used: Javascript (Node.js), Express.js, MongoDB, HTML/CSS.

- **GeoChat**

Description: Worked in a team to create Geochat, a real-time chat application with geolocation features. Developed functionalities for user authentication, chat room creation, and real-time messaging using Websockets.

Technologies used: Javascript (Node.js), Express.js, Socket.io, HTML/CSS

WORK EXPERIENCE

Working at **Kacey Autos Signature** as **Accounting Clerk and Salesperson**, (03/2019 – Present)

ROLES

- Managed day-to-day accounting operations, overseeing bookkeeping, invoice processing, and financial record maintenance.
- Led sales efforts, cultivating relationships with clients, negotiating deals, and achieving monthly sales targets.
- Collaborated with the marketing team to develop and implement strategies for improving financial efficiency and profitability

ACHIEVEMENTS

- Implemented streamlined accounting processes, reducing invoice processing time by 20% and minimising errors.
- Increased sales revenue by 15% within the first year through effective customer relationship management strategic marketing initiatives.
- Received recognition for outstanding performance and dedication to providing exceptional customer service.

Worked at **En & Jay Autos** as **Assistant** (Cars45), 01/2017 – 02/2019

ROLES

- Provided administrative support to the management eam, handling phone calls, scheduling appointments, and managing correspondence
- Assisted in the preparation of reports, presentation, and other documentation to support decision-making and operational efficiency.
- Maintained office organisation and efficiency by managing filing systems supplies and office equipment

ACHIEVEMENTS

- Implemented a digital filing system, reducing paper waste and improving document retrieval time by 30%.
- Received commendations for professionalism and efficiency in handling customer inquiries and resolving issues.
- Assisted in organising successful company events and promotional campaigns, contributing to increased brand visibility and customer engagement

Worked at **Imola International High School**, Oshodi, Lagos State as **Educator**, 10/2013 – 04/2015

ROLES

- Developed and delivered engaging lesson plans in accordance with curriculum standards, fostering student learning and participation.
- Conducted assessments and provided feedback to students to track progress and guide further learning.
- Collaborated with colleagues to develop interdisciplinary projects and activities to enhance student learning experiences

ACHIEVEMENTS

- Implemented innovative teaching strategies, resulting in a 25% improvement in student test scores on standardised assessments
- Recognized as "teacher of the Month'' for exceptional dedication and commitment to student success.

- Organised and led extracurricular activities, including academic competitions and cultural events, promoting student leadership and community involvement.

Worked at **Oluwaseun Comprehensive High School**, Ore, Ondo as **Educator**, 03/2012 – 03/2013

<u>ROLE</u>
- Planned and delivered effective mathematics lessons to diverse groups of students, adapting teaching methods to accommodate different learning styles.
- Conducted regular assessments to monitor students progress and provided additional support to students as needed.
- Collaborated with colleagues and parents to address student needs and promote a positive learning environment

<u>ACHIEVEMENTS</u>:
- Implemented differentiated instruction techniques, resulting in a 15% increase in student engagement and participation.
- Facilitated a mathematics club to provide additional academic support and enrichment opportunities for student
- Received positive feedback from students and parents for fostering a supportive and inclusive classroom environment.