Felix Osei Danso

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My Portfolio: https://my-portfolio-tau-eosin-76.vercel.app/

PROFESSIONAL SUMMARY

Aspiring software engineer with nearly three years of experience in developing and maintaining software solutions for various industries and individuals. participated in hackathons, leveraging a solid foundation in coding, problem-solving, and adherence to industry standards for robust application development.

EDUCATION AND PROFESSIONAL TRAINING

Takoradi Technical University of Ghana: HND.INFORMATION TECHNOLOGY – Software development
Graduation   January 2023
Bachelor of Technology (Software Engineering)
Graduation   December 2023

AWS Certified Cloud Practitioner   April 2024
Certificate of Fundamental Web Development Training   August 2022
Certificate of completion from a hardware and networking camp   March 2022

ACHIEVEMENTS/AWARDS

Level 300 student of the year   January 2022
Deputy Organiser for the year   August 2022
Certificate of participation in the Takoradi Technical University Hackathon   May 2023

La Plage Meta Verse Africa Digital Ambassador   November 2023
Certificate of Completion AWS Skill Builder Learner Guide   February 2024

WORK EXPERIENCE Amalitech Gh
Nov 2022- Present Frontend Developer

Work Experience on the Kolula Project

I was actively involved in the development and enhancement of the **Kolula** project — a scalable, multi-tenant platform that serves various clients, including **Vonovia**, **Segmenta**, **Neuland**, and **DHU**. Each tenant on Kolula has a unique user flow and set of requirements, which have shaped my responsibilities across configuration, development, and collaboration efforts.

1. Tenant-Specific Configuration & Customisation

- Designed and implemented **theme configurations** for each tenant, including **colour schemes, font styles**, and general **UI/UX adaptations** to ensure a unique and intuitive experience per brand.

- Defined and built **custom usage flows** for every tenant, ensuring their specific needs were met while maintaining a consistent system structure.

- Ensured the platform remains **scalable and modular**, so future tenants can be integrated without disrupting existing ones.

2. Authentication System with AWS Cognito

- Developed and integrated a **frontend-only authentication system** using **Amazon Cognito**, eliminating the need for backend API authentication for initial access.

- Handled the **user connection and session management** entirely through the frontend, allowing seamless and secure sign-in experiences for users across all tenants.

3. Feature Implementation & UI Development

- Built and integrated new screens and features for various tenants, including:
  - **Open Doors Functionality** screens ○

  Splash Screens ○ **Booking flow**

enhancements with optional screens ○

Guest Apartment and **Meeting Room**

booking modules

- Implemented **QR code-based location verification** to support secure and efficient check-ins.

4. System Upgrades & Migration

- Assisted in **migrating the application from legacy Redux to Redux Toolkit**, improving maintainability and performance.
- Helped in upgrading several dependencies and **refactoring the codebase** to align with new package versions and best practices.
- Worked on **backend integration support** to align new screen components with evolving API structures.

5. Collaboration & Delivery

- Worked closely with other team members to **deliver new features quickly and efficiently**, ensuring we met project timelines — notably, we successfully took one tenant live.
- Took an active role in **onboarding new tenants** and assisting in their specific **CI implementation and service configuration**.
- Frequently offered **technical support** to colleagues and proactively contributed to team progress.

Komet
 Tech Stack: Next.js, Storyblok, Magnolia CMS, Commence Tool, Keeper

- Built and maintained a modern dental equipment e-commerce website using **Next.js**, focused on performance, scalability, and user experience.
- Integrated **Storyblok** as a headless CMS to manage content dynamically, allowing non-technical users to update site content with ease.
- Collaborated with backend and content teams to implement **Magnolia CMS** for structured enterprise content management.
- Developed and styled reusable frontend components while ensuring seamless CMS integration and responsive design.
- Worked with the **Commence Tool** to implement e-commerce features including product display, cart, and checkout workflows.
- Ensured secure handling of sensitive configurations and API keys using **Keeper** for environment management.
- Contributed to a **multi-stage deployment workflow**—development, QA, and production—ensuring continuous integration, code quality, and production readiness.

- Worked with clients overseas and created some standardised applications for end users
- Worked alone in creating applications for customer use.
- Create applications with multiple services
- Worked on applications with multiple tenants
- Ensured the adaptability of all pages, overseeing their responsiveness.
- Transformed app designs into front-end code with HTML, CSS, and JavaScript.
- Built a custom image previewer with controls and an image info section.
- Built a sophisticated media filter to return results based on the media type, colour, size & created date.
- Built a custom form for the admin to design preferred forms for patients to fill.
- Built a chart system that make patient charts with doctors.
- Converted all UI designs into HTML mock-ups using JavaScript and CSS.
- Used modified material UI components to match UI designs.
- Used tailwind component styling.
- Utilised React's performance optimisation techniques such as lazy loading, memoisation, and virtual DOM to ensure the application runs efficiently, even with a large number of users.

Internship Nov 2021

- Keep Computers Running: Make sure all computers and networks work smoothly by fixing problems and doing regular updates.

- Help People with Tech: Assist assembly staff with computer issues, teach them how to use software, and ensure safe data.
- Protect Data: Keep important information safe and plan for if something goes wrong.
- Buy Tech and Manage Money: Work with leaders for the right technology and budget management.

LEADERSHIP EXPERIENCE Team Lead – Amalitech
2023

- Led the development of a system using React JavaScript for the front end and Django for the back end.
- Perform sprint planning and sprint reviews.
- Lead in various presentations to management

Deputy Organizer – Takoradi Technical University   **2021**
- 2022
- Participated in budget approval from students.
- Participated in financial decision-making across the student board.
- Organized periodic activities for over 1,000 students of all levels.

SKILLS

- Good in JavaScript, React Js/Ts
- Good in React Native, Next.js, Remix
- Basic knowledge in Blender
- Good understanding of Redux Toolkit
- Good understanding of Tailwinds and material ui
- Good usage of AI tools such as cursor and windsurf
- Microsoft Office Suite and Software applications and products
- Skilled in using Bootstrap, Adobe XD
- Basic knowledge of Angular.
- Excel, Ms Word, Power point.

- Skilled in using Git, GitHub,vite, BitBucket, GitLab, npm, Jira, postman, Nextjs, VS Code, slack, Jira, microsoft and WebStorm CMS(Magnolia), Keeper, Storyblok, WindSurf.
- Strong decision-making skills, attention to detail, self-starter, ability to multitask and adapt to different industries

REFERENCES

Victor Aremu – Technical Lead (Amalitech gh)   0542698778
Dennis Machu – (Scrum Master)   0500006318