

MARVIN ASAMOAH

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Profile Summary

A motivated and skilled Full Stack Developer with extensive experience in both frontend and backend development. Proficient in JavaScript, TypeScript, React, and Next.js, with a strong foundation in computer engineering. Demonstrated ability to develop and maintain responsive websites and web applications, collaborate with cross-functional teams, and integrate third-party services. Adept at problem-solving and committed to continuous learning and professional development. Seeking opportunities to leverage my technical expertise and creativity in a challenging and dynamic environment.

Education

Bachelor of Engineering	<u>University of Energy and Natural Resources</u>	<i>Sunyani, Ghana</i>	01/2021 - 10/2024
<ul style="list-style-type: none">Major in Computer EngineeringMajor Courses: Fault Diagnosis and Failure Tolerance, Secure Network Systems, Embedded Systems, Robotics, Artificial Intelligence, Software Engineering, Project Management			
General Science	<u>New Juaben Senior High School</u>	<i>Koforidua, Ghana</i>	2017 - 2020

Experience

Frontend Developer, Intern	<u>First Love Center</u>	<i>Trinity Avenue, Accra</i>	08/2023 - 12/2023
<ul style="list-style-type: none">Developed and maintained the church website using React, JavaScript, and TypeScript.Implemented responsive design and user-friendly features.Collaborated with the backend team, integrated Firebase for real-time data, and used Git for version control.			
Frontend Developer and Graphic Designer	<u>Qodesh Family Church</u>	<i>Kotei Robertson, Accra</i>	03/2021 - 02/2023
<ul style="list-style-type: none">Created and updated the church website using React and JavaScript.Ensured cross-browser compatibility and accessibility.Worked with the design team and followed best practices for web development.Designed and produced flyers for the campus church using Adobe Photoshop.			
Full Stack Web Developer	<u>Poulour</u>	<i>Accra, Ghana</i>	11/2023 - 02/2024
<ul style="list-style-type: none">Built and tested the frontend of a web application for the administration database system using JavaScript, TypeScript, and Next.js.Integrated APIs and third-party services using Axios, Firebase, and MongoDB.			
Full Stack Developer	<u>Final Year Project: Real-Time Chat Application</u>	<i>Accra, Ghana</i>	01/2024 - 10/2024
<ul style="list-style-type: none">Developed a comprehensive real-time chat application with support for messaging, file uploads, audio recording, and voice/video calling.Utilized React Native (Expo) for the mobile application and React with TypeScript for the web frontend.Built the backend using Node.js, Express, MongoDB, and Socket.IO for real-time communication.Integrated Agora SDK for high-quality voice and video calls and Cloudinary for media storage.Implemented secure user authentication using JWT and role-based access control (RBAC).Optimized performance with Redis for caching and TanStack Query for server state management.			

Skills

- **Programing Languages:** Java | JavaScript | TypeScript | C++ | Python
- **Frameworks & Libraries:** React | Node.js | Express | Next.js | Firebase | React Native | Expo
- **Tools & Technologies:** MongoDB | Git | Adobe Photoshop
- **Other Skills:** Unit Testing | Integrated Testing | Automated Testing | OOP | Frontend Development | Backend Development | Mobile Development | Full-Stack Development | English (Professional proficiency or above)

Achievements

- **Developed a Feature-Rich Church Website:** Successfully developed a responsive and user-friendly church website, leading to a 25% increase in online engagement.
- **Designed High-Impact Marketing Materials:** Created over 50 promotional flyers using Adobe Photoshop, significantly enhancing the church's campus presence.
- **Implemented Efficient API Integrations:** Integrated multiple third-party services using Axios and Firebase, streamlining the web application's functionality.
- **Built and Launched a Task Management Platform:** Developed and deployed TASKIFY, a web-based task management tool, facilitating efficient task tracking and management for users.
- **Showcased Advanced Web Development Skills:** Designed and built a 3D portfolio website using Three.js, demonstrating innovative use of web technologies.
- **Created a versatile platform supporting both one-on-one and group chats with multimedia sharing.**
- **Deployed a robust, scalable system ensuring real-time communication across multiple platforms.**

Projects

- **TASKIFY:** A website that manages tasks. [Link to Taskify](#) (02/2024)
- **MARKDOWN EDITOR:** A website that previews markdown in real-time. [Link to Markdown Editor](#) (03/2024)
- **UNITIMETABLE-UI:** A website that generates university time tables (ui). [Link to Unitmetable](#) (05/2024)
- **3D PORTFOLIO:** Designed and developed a 3D portfolio with Three.js. [View Project](#) (09/2023)
- **DELETE FILE CLI:** A cli that locates files and deletes them. [Link to npm package](#) (02/2024)
- **GODLY FEMININE WOMAN:** A blog for an organization. [Godly Feminine Woman](#) (08/2024)
- **CHAT-FORUM:** A cross platform real time chatting app. [Link to chat forum](#) (02/2024)