

ISRAEL AMENYUIE-TAMAKLOE

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GitHub: <https://github.com/Holystick5155>

Portfolio Projects: nurtapp.com • mawunyoforum.org

PROFESSIONAL SUMMARY

Full-Stack Web & Mobile Developer with a background in Electrical & Electronics Engineering and hands-on experience building scalable web platforms, mobile applications, and IoT-integrated systems. Skilled in MERN Stack, Next.js, React Native, Firebase, and realtime systems development, with experience delivering real-world solutions across education, community organizations, and digital platforms. Passionate about leveraging technology to solve practical problems, mentor upcoming developers, and build impactful African-focused digital products.

CORE STRENGTHS

- Full-Stack Web Development
- Mobile App Development
- MERN Stack Development
- Realtime Applications
- IoT Systems Integration
- REST API Development
- Firebase & Firestore
- UI/UX Implementation
- Technical Training & Mentorship
- Problem Solving & System Design

TECHNICAL SKILLS

Frontend

- React.js
- Next.js
- HTML5
- CSS3
- JavaScript
- Tailwind CSS
- jQuery

Backend

- Node.js
- Express.js
- MongoDB
- Firebase
- Firestore
- SQL
- PHP
- Google Cloud Functions

Mobile Development

- React Native
- Expo

Programming Languages

- JavaScript
- Python
- C
- MATLAB

Tools & Platforms

- Git & GitHub
- Arduino
- Proteus
- EAGLE
- Multisim
- Microsoft Office Suite (Excel, Word, PowerPoint, Visio)
- Adobe Photoshop
- Adobe Illustrator
- CorelDraw

Additional Knowledge

- Realtime Systems
 - IoT Integration
 - Electrical Systems Design
 - Cybersecurity Fundamentals
 - Embedded Systems
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PROFESSIONAL EXPERIENCE

Web Development Instructor / Facilitator

Coding Ladies Academy | 2024 – Present

- Train and mentor students in frontend and full-stack web development using React, JavaScript, and Node.js.
- Design and deliver practical lessons covering frontend, backend, and deployment concepts.
- Guide students through real-world projects and best practices in software development.
- Support learners in problem-solving, debugging, and project implementation.

National Service Personnel / Student-Led Movement Strategy Staff

Great Commission Movement of Ghana (Formerly CCCI Ghana) | October 2024 – June 2026

- Served as part of the Student-Led Movement (SLM) Strategy team, supporting digital initiatives and youth-focused ministry engagement.
- Designed and developed the SLM Ghana website and integrated admin dashboard for content and activity management.
- Contributed to digital systems and technology-driven outreach initiatives within the organization.
- Continued with the organization through a short extension/internship period after national service.

Freelance Web & Mobile App Developer

Self-Employed | 2022 – Present

- Developed and deployed a live campaign website for a UN nominee (mawunyofoforun.org), improving digital visibility and audience engagement.
- Building a social platform focused on talent discovery, competitions, sponsorship, and youth engagement across Africa.
- Developing a realtime IoT-integrated water quality monitoring platform for Ghana as part of a final year engineering project.
- Created an administrative mobile application for the Ghana Methodist Students' Union.
- Designed and deployed a full-stack blogging platform with responsive UI and content management functionality.
- Integrated Firebase and realtime communication technologies into web and mobile systems.
- Developed a church management system and administrative dashboard for COP Nsakina District.
- Currently contributing to the development planning and architecture of the CDM Active App.

Intern – Electrical Section

University of Cape Coast | Nov 2023 – Dec 2023

- Assisted in troubleshooting, maintenance, and fault diagnosis of electrical systems across campus facilities.
- Participated in infrastructure projects including the conversion of sodium streetlights to LED systems.

- Contributed to the design and implementation planning of an off-grid inverter system.
- Applied electrical safety standards and installation procedures in practical field operations.

Manager

Assifman Ventures (Printing Press) | 2019 – 2021

- Managed daily operations, production scheduling, and workflow coordination.
 - Supervised junior staff and maintained quality control standards.
 - Prepared quotations, managed client relations, and supported budgeting and profitability analysis.
 - Improved operational efficiency through effective resource coordination and task management.
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PROJECTS

Talent Sponsorship & Social Platform (In Development)

- Building a scalable social platform focused on talent discovery, competitions, sponsorship, and youth engagement across Africa.
- Developing realtime interaction features using MERN stack technologies and Firebase.
- Integrating social engagement, user profiles, competitions, and sponsorship systems.

Smart Water Quality Monitoring System

- Developed an IoT-integrated water quality monitoring solution combining embedded systems and a web dashboard for realtime environmental monitoring in Ghana.
- Integrated sensors, embedded hardware, and web technologies for data visualization and system monitoring.
- Applied engineering and software development principles to solve practical environmental challenges.

Mawunyo Kuma Yakor-Dagbah | mawunyoforun.org

- Developed and deployed a responsive campaign and digital engagement platform.

- Implemented modern UI design and content management functionality.

Delviews | delviews.xyz

- Built and deployed a blogging platform supporting article publishing and content management.
- Designed a responsive and user-friendly frontend experience.

SLM Ghana Platform

- Developed and deployed the Student-Led Movement Ghana platform with integrated administrative dashboard functionality.
- Implemented web management features to support organizational activities and digital engagement.
- Platform: <https://slmghanasite01.web.app>

COP Nsakina District Church Management System

- Built a church management and administration dashboard for COP Nsakina District.
- Implemented administrative and management features to support church operations and organization.
- Platform: <https://cop-church-dashboard.vercel.app>

CDM Active App (In Planning/Development)

- Participating in the planning and development of a digital platform focused on active engagement and organizational coordination.
 - Contributing to application architecture, feature planning, and system design.
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EDUCATION

Bachelor of Science in Electrical and Electronics Engineering

Kwame Nkrumah University of Science & Technology (KNUST), Kumasi | 2020 – 2024

Final Year Project:

Smart Water Technology for Efficient Water Quality Monitoring in Ghana

Relevant Coursework

- Control Systems
- Linear Electronics
- Power Generation
- Instrumentation
- MATLAB Programming
- C Programming
- Semiconductor Devices
- Embedded Systems

WASSCE – General Science

Edinaman Senior High School, Elmina | 2015 – 2018

LEADERSHIP & VOLUNTEER EXPERIENCE

Evangelism Head

Ghana Methodist Students' Union | 2023 – 2024

- Coordinated evangelism activities, outreach programs, and spiritual development initiatives.
- Participated in planning and execution of large-scale outreach programs.

Vice President

Ghana Methodist Students' Union | 2022 – 2023

- Assisted in leadership coordination, student engagement, and organizational activities.
- Supported strategic planning and execution of programs and events.

Outreach Planning Committee Co-Chair

Kunsu Circuit Outreach Program, Methodist Church Ghana

- Helped coordinate community evangelism and medical outreach activities across multiple communities in the Ashanti Region.
- Supported fundraising and logistical planning efforts.

Deputy Head Prefect

Edinaman Senior High School | 2017 – 2018

- Assisted in student leadership and school administration activities.
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CERTIFICATIONS & AWARDS

- Google Cybersecurity Professional Certificate (Courses 1 to 3 Completed) – Coursera
 - Grand Prize Winner – IREX World Smarts STEM Challenge, Washington DC, USA (2017)
 - Best Scholar Award – Children's Camp (2017)
 - Camp Spirit Award – Poised for Success Program (2014)
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ADDITIONAL EXPERIENCE & AFFILIATIONS

- Member, National Society of Black Engineers (NSBE) – KNUST Chapter (2022 – 2024)
 - Member, TME Education Club – KNUST (2022 – 2024)
 - Supported electronics workshops and technology training programs.
 - Designed flyers and visual materials for club activities.
 - Contributor, Youthful Guide Foundation
 - Participated in educational outreach and youth development initiatives.
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LANGUAGES

- English – Proficient
 - Ewe – Native
 - Fante – Native
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NOTES FOR FINAL IMPROVEMENT

Before exporting the final version:

- Add your LinkedIn URL.
- Add your GitHub profile URL.
- Add exact dates where necessary.
- Ensure all portfolio websites are active.
- Consider creating:
 - A one-page ATS resume
 - A software engineering-focused version
 - A founder/innovation fellowship version
 - A LinkedIn-optimized summary