

Emmanuel Fynn-Sackey Opoku

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PROFILE

I am a self-driven and detail-oriented Computer Science student with a strong passion for software engineering. I have hands-on experience building full-stack applications using Angular, MERN, TypeScript, and RESTful APIs. During my internship at Amalitech Ghana, I worked on real-world projects involving event management and collaboration systems, implementing real-time features like chats and comments. I thrive in collaborative, fast-paced environments and constantly seek opportunities to grow and contribute as an innovative software engineer.

EDUCATION

BSc. Computer Science Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana	Expected November 2026
W.A.S.S.C.E (General Science) Mpraeso Senior High School, Kwahu, Ghana	September 2019 – September 2022

WORK EXPERIENCE

Amalitech <i>Software Engineering Intern</i> – Built and optimized two production-level web applications — <i>Eventora</i> (event booking system) and <i>Collabspace</i> (Trello-like collaboration platform) — using Angular, TypeScript, and RESTful APIs , delivering scalable and user-friendly interfaces.. – Implemented real-time communication features such as chats, comments, and live updates using WebSockets (Socket.IO) , enhancing collaboration and interactivity across the platform.. – Collaborated in an Agile team using GitHub for version control, participating in sprints, code reviews, and UI/UX improvements that improved overall project reliability and user experience.	September 2025 – October 2025
ConnectLoud Africa <i>Software Development Intern</i> – Collaborated with the development team to build and maintain user-friendly, responsive web applications using React and Tailwind CSS, ensuring seamless user experiences across various devices. – Utilized TypeScript for robust type checking, contributing to cleaner, maintainable, and scalable codebases in dynamic web projects. – Gained experience working in an Agile environment, contributing to sprint planning, code reviews, and implementing design feedback to meet project deadlines efficiently.	August 2024 – October 2024
InternhubHQ <i>Frontend Developer Intern</i> – Developed a comprehensive website using modern web technologies, connecting companies and interns on a unified platform with intuitive design and functionality. – Designed and implemented critical features such as user authentication, registration forms, and secure payment integrations, enhancing the platform's usability and reliability. – Built a dynamic chat system that facilitated real-time communication between interns and companies, improving user engagement and collaboration efficiency.	October 2023 – January 2024

ACHIEVEMENTS/AWARDS

Outstanding Performance	11 th July, 2023	TPABB Quiz – Computer Science Society of KNUST
Best Performing Student	28 th July, 2022	Eastern Regional Education Excellence Awards
Placed second in the Eastern Regional Championship	June, 2022	National Science & Maths Quiz (NSMQ)
Outstanding and Overall Best Student	October, 2021	Ghana Science Olympiad Competition-2021

PROJECTS/RESEARCH EXPERIENCE

Software Engineering Intern – Amalitech Ghana

- Collaborated within a development team to build two major web applications — Eventora (event booking and ticketing system) and Collabspace (Trello-like collaboration platform) using Angular.
- Implemented real-time communication features such as chats and comments using WebSockets (Socket.IO), enhancing collaboration and user engagement.
- Contributed to UI/UX improvements, debugging, and code reviews while adhering to Agile methodologies and version control best practices with GitHub.

Frontend Developer – Music & School Mobile App Project

- Developed a music mobile app and contributed to a school management app using React Native for the frontend and MongoDB for database engineering.
- Designed and managed MongoDB schemas and integrated Firebase for real-time data handling, ensuring secure and efficient performance.
- Collaborated with cross-functional teams to align features with user needs, focusing on scalability, performance optimization, and seamless user experience across mobile platforms.

Freelance Full-Stack Developer

- Designed and developed full-stack applications for diverse clients, including an Invoice Management System and an E-Classroom desktop app using Electron and React.js.
- Built a responsive e-commerce website with Next.js, focusing on modern UI/UX, optimized performance, and scalable architecture.
- Managed projects end-to-end — from requirement analysis and frontend/backend integration to deployment and client feedback — ensuring timely and high-quality delivery.

PROFESSIONAL TRAINING/ CERTIFICATION

Software Engineer	September 2025 – October 2025	Amalitech
Frontend Developer	October 2023 – January 2024	InternhubHQ

SKILLS AND ABILITIES

- Proficient in Web development, Mobile App Development, Agile, Database management
- Programming Languages – Angular, MERN, React Native, Next.js, TypeScript, Electron.js, Python, SQL, Git, C++, Java
- Strong Problem-solving, Collaboration, Communication, Adaptability, Time management, and Teamwork

REFEREES

Name: Dominic Agyili Opoku
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