PAPA YAW AGYEMAN-MANU | Full Stack Software Engineer

208-948-3868 | yawam0902@gmail.com | https://www.pyfolio.dev/

Education

Brigham Young University - Idaho   April 2020 - July 2025

B.S Computer Software Engineering   Rexburg, ID
- Focus – Full Stack Software Development Life Cycle, UI/UX Design, Web Design and Efficiency.
- GPA - 3.7.
- Honors - Thomas E. Ricks Academic Scholarship (Merit-based).

Work Experience

sCreate (Startup)   November 2024 - Present

Full-Stack Software Engineer   Remote - Rexburg, ID
- Built key features of a full-stack school platform (Node.js, PostgreSQL, EJS) for academic administration, onboarding, and enrollment.
- Implemented secure APIs and validated forms, cutting onboarding errors by 60% with file upload and role-based access.
- Delivered MVP on schedule in a 3-person agile team, refining UX through user testing and code reviews.

Brigham Young University - Idaho, Online Academic Support   January 2024 - Present

Web Development - Teaching Assistant   Rexburg, ID
- Mentored 10+ students weekly in core web dev, boosting accuracy and assignment confidence.
- Partnered with faculty to clarify concepts, contributing to 90% student satisfaction.
- Graded 25+ projects weekly, providing targeted feedback, raising individual performance by 20% on average.

KORE Power, Inc   July 2023 - December 2023

Software Developer Intern   Coeur d'Alene, ID
- Refactored React codebase, increasing component reuse by 40% and reducing redundancy.
- Designed onboarding platform (React/Node.js) that streamlined training and reduced ramp-up time.
- Improved efficiency by 30% with Tailwind-enhanced UI and faster navigation flows.

Skills

- Languages: JavaScript, TypeScript, HTML/CSS, Python, SQL.
- Frameworks & Libraries: React, Next.js, Node.js, Express.js, Tailwind CSS.
- Database Technologies: MySQL, PostgreSQL, MongoDB.
- Tooling & Integration: GitHub, REST APIs, Jira, AWS, Vercel, Authentication.
- Soft Skills: Attention to Detail, Integrity, Communication, Adaptability, Cross-team Collaboration.

Projects

- **Startup School Management Platform (November 2024 – Present):** Rolling out a robust, full-stack school operations system (Node.js, Express, EJS, PostgreSQL) with robust validation, document handling, and admin/teacher access controls.
- **Full Stack Car Dealership Web App – September 2024 to December 2024:** Implemented a Node.js, Express, and PostgreSQL system to manage inventory, sales, and customer data. Integrated role-based access for admins and sales reps, enabling access-controlled and personalized dashboards.
- **Full-Stack Wedding Website - November 2023 to March 2024:** Created an RSVP and guest feedback tool with React and PostgreSQL for a live wedding event with 200+ attendees, saving time and improving guest communication.
- **LMS Platform (from PoC to Production) – August 2023 to October 2023:** Constructed a full-stack learning platform with Next.js, PostgreSQL, and REST APIs. Supported user logins, instructor dashboards, and data analytics for engagement tracking.