PAPA YAW AGYEMAN-MANU | Full Stack Software Engineer

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Work Experience

Brigham Young University, Online Academic Support   January 2024 - Present
Web Development - Online Teaching Assistant   Rexburg, ID
- Tutored 10+ online students weekly in fundamental web development, increasing assignment accuracy and boosting completion confidence.
- Partnered with instructors to clarify full-stack concepts, contributing to a 90% increase in overall 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
- Revamped and modularized internal React codebase, boosting component reusability by 40% and reducing development redundancy.
- Designed and deployed an onboarding platform using React and Node.js, streamlining new hire education and reducing ramp-up time.
- Enhanced UI/UX using Tailwind CSS, improving operational efficiency by 30% through faster navigation and better user experience.

Skills

- Languages: JavaScript (ES6+), TypeScript, Python, Java(familiar), HTML/CSS, C#
- Frameworks: React, Next.js, Tailwind CSS, SCSS, Node.js, Express.
- Database Technologies: MySQL, PostgreSQL, NoSQL, Prisma ORM, Supabase, MongoDB.
- Tooling & Integration: GitHub, Vercel, REST APIs, Role-Based Authentication, API integration.
- Soft Skills**:** Communication, Problem Solving, Cross-Team Collaboration, Ownership Mindset.

Projects

- **Full-Stack Wedding Website:** Built a responsive full-stack wedding app using React, Next.js, and PostgreSQL to manage RSVPs and guest feedback, streamlining event logistics for 200+ attendees.
- **LMS Platform (from PoC to Production):** Created and deployed a scalable LMS with secure REST APIs and dynamic content delivery, supporting multiple learning modes and improving learner engagement.
- **Spotify Clone:** Engineered a feature-rich streaming interface using React and TypeScript, including playback and playlist management, mimicking Spotify's core functionality and UI/UX.

Education

Brigham Young University - Idaho   April 2020 - July 2025
Bachelor of Science, Software Engineering   Rexburg, ID
- Focus - Software Development Life Cycle, Software Testing, Algorithms and Data Structures.
- Honors - Thomas E. Ricks Academic Scholarship (Merit-based).