

JAYDEN JOHN BOAMAH OSAFO

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SKILLS

- **Mobile Development:** Proficiency in Android and React Native for designing, building, and maintaining mobile applications.
- **Web Development:** Expertise in HTML, CSS, JavaScript, React, and Typescript for frontend development and backend technologies like Node.js and PHP.
- **Version Control:** Proficient with Git for managing code versions and conducting code reviews.
- **Database Management:** Strong knowledge of SQL and relational databases, ensuring optimized data interactions.
- **Collaboration:** Excellent communication skills with a collaborative and solution-oriented mindset, working cross-functionally with teams.

PROJECTS

AquaNet- Fish Farming E-commerce Platform

Backend Developer

- Led the development of backend architecture using Node.js, boosting platform performance by 30% and enhancing scalability to support up to 6,000 concurrent users.
- Engineered and deployed RESTful APIs to manage user authentication and authorization, and product management, achieving a 40% reduction in API response times.
- Optimized database queries and enforced data security protocols, reducing data retrieval times by 35% and ensuring 100% data integrity across all transactions.
- Collaborated seamlessly with a team of frontend developers, ensuring smooth integration between the frontend and backend systems, which contributed to a 30% increase in user engagement and satisfaction.
- Conducted code reviews and implemented best practices, leading to a 20% decrease in code errors and enhancing the maintainability of the codebase.

Faith Community Baptist School Website:

Frontend Developer

- Built and deployed a responsive school website using Typescript and React, significantly improving accessibility and user experience across devices.
- Developed dynamic features such as event calendars, and online registration forms, streamlining operations and reducing administrative workload by 30%.
- Collaborated with a team of 3 developers, conducting code reviews and mentoring, leading to a 35% decrease in bugs and enhanced code quality.
- Implemented SEO best practices, enhancing the website's search engine ranking and increasing organic traffic by 25%.

Portfolio Website:

- Designed and developed a personal portfolio using React.js and Tailwind CSS, showcasing projects and technical skills.
- Integrated interactive elements, animations, and a contact form with email functionality.
- Ensured responsiveness across multiple devices for an optimal user experience.

WORK EXPERIENCE

Links Engineering Limited:

Software Engineer, Intern

September 2024-November 2024

- Developed and maintained dynamic webpages using PHP and Laravel frameworks.
- Gained hands-on experience with relational databases, implementing and optimizing SQL queries.
- Collaborated with senior developers to design user-friendly interfaces and backend functionalities.
- Assisted in troubleshooting and debugging web applications to ensure seamless performance.

EDUCATION

University of Ghana || Legon, GHA January 2023 – October 2026 *Bsc. Computer Science*

Relevant Coursework: Data Structures and Algorithms, Mobile App Development, Software Engineering, Object-Oriented Programming, Numerical and Computational Methods, Multi-Media and Web Design, User Experience/User Interfaces,