Benjamin Otchere Boakye

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PROFILE

Full Stack Software Engineer with 5+ years of experience designing, developing, and scaling enterprise-level web applications. Passionate about building secure, scalable, and high-performance solutions using modern web technologies, cloud computing, and microservices architecture.

- Expert in: PHP (Laravel), JavaScript (React.js, Vue.js), Python, SQL, C# (.NET), Django
- Proven success in: System Architecture Design, API Development, Cybersecurity, Cloud Computing
- Strong Leadership: Experienced in mentoring teams, leading projects, and implementing Agile methodologies

TECHNICAL SKILLS

Programming Languages:
PHP, JavaScript, SQL, Python, C#, Visual Basic, .NET

Frameworks & Libraries:
Laravel, Vue.js, Angular JS, React JS, Django, Bootstrap, Tailwind, Bulma

Databases:
MySQL, MongoDB, PostgreSQL, GraphQL

Cloud & DevOps:
AWS (RDS, EC2, ECS, S3, Lambda), Linux, Docker

Tools & Platforms:
Git, Microsoft Intune, Figma, Agile methodologies

WORK EXPERIENCE

Benogis Innovations, *Co-Founder & Lead Software Engineer*, London   June 2022 – Present

Key Achievements:

- Spearheaded the development of EduLink Network, a multi-service platform using Laravel, React.js, MySQL, and GraphQL.
- Designed and deployed scalable microservices architectures with Docker and AWS (RDS, EC2, ECS, S3, Lambda).
- Led code reviews, mentored junior developers, and established Agile best practices for efficient project delivery.
- Implemented advanced security measures (user authentication, data encryption) to align with industry standards.

Route to Transition, *IT Systems Administrator*, London   May 2024 – Present

Key Achievements:

- Managed critical IT infrastructure, ensuring system reliability and security in compliance with OFSTED regulations.
- Provided technical training for staff, enhancing productivity with new IT systems and automation.
- Optimized workflow processes with innovative solutions, contributing to organizational efficiency.
- Optimized internal processes using Microsoft Intune and cloud-based solutions.
- Collaborate with third-party vendors to introduce new software solutions, optimizing the organization's IT operations.

Africa Systems Ltd, *Software Engineer (Laravel Framework)*, South Africa, Remote   Mar 2024 – May 2024

Key Achievements:
- Developed and Optimized the SWITCH Network using Laravel's .NET Core One framework, focusing on system efficiency and scalability.
- Enhanced fintech capabilities by implementing distributed ledger technology and database optimizations.
- Worked closely with UI/UX designers and development teams to ensure seamless integration of features.

Banko City University, *Software Developer*   Jan 2023 – Jun 2023

Key Achievements:
- Led the design and development of software programs that optimized university processes, improving operational efficiency and automating key administrative tasks.
- Developed an automated data entry system for receipt processing, reducing manual workload and decreasing data entry errors by 30%.
- Implemented strategic automation, saving an estimated 20+ hours weekly and improving overall productivity.
- Designed and deployed scalable database architectures in MySQL, optimizing query performance for seamless front-end integration.
- Conducted code reviews, followed test-driven development (TDD), and adhered to secure coding practices.

Smart-Tech Solutions, *Software Developer*   Sep 2022 – Dec 2022

Key Achievements:
- Developed a web application using PHP (Laravel) and React.js, enhancing user experience and improving system performance by over 40%.
- Applied Agile methodologies to streamline project delivery and maintained detailed documentation for ongoing support.
- Conducted software testing and documentation for long-term maintainability.

EDUCATION

University of Education, Kumasi, Ghana   Jul 2021
BSc in Information Technology Education

CERTIFICATIONS

- Object-Oriented Programming in PHP, BootcampIo   Oct 2024
- Active Directory Basics, TryHackMe   Oct 2024
- Introduction to AWS, DataCamp   Oct 2024
- Understanding Cloud Computing, DataCamp   Sept 2024
- Cybersecurity Intro, IBM Nations   Aug 2019
- Internet of Things, IBM Nations   June 2019

KEY PROJECTS

- **EduLink Network**: Built an all-in-one educational platform for schools in Ghana with Laravel, GraphQL, and AWS.
- **Strenuous Effort Mini Banking System**: Engineered a micro-banking solution with robust financial security features.
- **Project Collaboration System**: Developed a real-time collaboration platform to enhance team project management.

ADDITIONAL INFORMATION

- Experience with AWS, Docker, and microservices, crucial for architecting scalable applications.
- Familiar with Agile practices, code reviews, and secure software development.
- Product-focused engineer, aligning technical solutions with business needs and user satisfaction.