

Robert Quainoo

Senior Software Engineer

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I'm a passionate and results-driven **Senior Software Engineer** who loves building high-quality software products with complex logic behind them. I enjoy designing and developing scalable applications using **React**, **TypeScript**, and **Node.js**, and I'm pretty handy with **MongoDB** for managing data. I'm all about creating robust APIs, optimizing performance, and making sure users have a seamless experience across web and mobile platforms.

I also love using technology—especially **AI**—to make my work easier, faster, and more efficient. Solving challenging problems and contributing to meaningful, innovative solutions is what keeps me excited every day!

Skills

Node JS, Express JS, Typescript, Aws, React JS, MongoDB, Documentdb, Unity 3d, Unity C#, Jira, Bitbucket, Git

Experience

[Pixlr](#) / Senior Software Engineer

- **Designed and developed RESTful APIs** for seamless integration with Pixlr's web and mobile platforms, ensuring high performance and scalability
- **Implemented advanced photo editing features and functionalities** within Pixlr's web applications, enhancing user experience with intuitive and responsive tools.
- **Built and maintained Pixlr's Google Workspace Apps**, enabling image editing capabilities directly within Google Suite applications like Docs, Sheets, and Slides.
- **Integrated AI-driven tools and APIs** to support advanced image editing, manipulation, and generation functionalities across web and mobile applications.
- **Maintained and optimized Pixlr's Open API Suite**, ensuring robust performance, high availability, and secure access for third-party developers.
- **Developed internal analytics and reporting tools** to provide real-time statistics and insights for Pixlr's management and operational teams, supporting data-driven decision-making.

[Swoove 360](#) / Senior Software Engineer / Team Lead

- **Led product and feature planning**, including the creation of technical documentation, user stories, and detailed ticket management to ensure efficient development workflows
- **Designed and developed RESTful APIs** for seamless integration with Swoove's web and mobile platforms, supporting high performance and scalability.
- **Architected and maintained Swoove's Open API**, enabling secure and efficient integration with customers' internal systems for enhanced interoperability.
- **Developed advanced analytics and reporting tools** to deliver actionable

insights for internal teams, management, and external customers, driving data-informed decision-making across the organization.

- **Managed AWS cloud infrastructure**, including the setup and maintenance of servers using **EC2**, **Elastic Load Balancer (ELB)**, and **Route 53** for DNS management.
- **Implemented CI/CD pipelines** to automate deployment workflows, improve code quality, and accelerate release cycles across multiple environments.

Roots Digital / C.T.O & Backend Engineer

- **Directed product and feature planning**, overseeing the creation of technical documentation, project roadmaps, and ticket management to ensure successful client project execution.
- **Facilitated seamless communication** between clients and development teams, translating business requirements into technical solutions and ensuring alignment throughout project lifecycles.
- **Designed and developed RESTful APIs** for robust integration with web and mobile platforms, delivering scalable, secure, and high-performance backend solutions tailored to client needs.

Leti Arts / Game Engineer

- **Developed interactive web applications and games** using Leti Arts' internal game engine, focusing on immersive user experiences and performance optimization.
- **Built RESTful APIs** to support game functionalities, enabling seamless data exchange between client applications and backend services.
- **Collaborated with cross-functional teams**, including designers and artists, to integrate gameplay mechanics, visual assets, and interactive features.
- **Optimized game performance** across web platforms, ensuring smooth gameplay, reduced load times, and efficient resource management.

Education

Kumasi University of Science And Technology / Bsc. Computer Science
Kumasi, Ghana