

Amman Abua

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Gaithersburg, MD 20877.

EXPERIENCE

Sparetime Digital Ltd. | Software Engineer – (<https://www.sparetime.digital>)

Remote (Manchester, United Kingdom) | 05/2022 - 10/2023

- Built **REST APIs** utilizing **Spring Boot**, and **Node.js** supporting **350K+** secure transactions/year.
- Migrated monolithic systems to **AWS** utilizing **microservices** architecture, cutting infrastructure costs by 20% and improving real-time service monitoring and analytics.
- Automated **CI/CD** pipelines with **GitHub Actions** and **AWS** accelerating release cycles.
- Developed an event-driven system using **AWS SNS** and **SQS**, enhancing reliability.

Manyactive App Ltd. | Software Developer – (<https://www.manyactive.com>)

Remote (Nairobi, Kenya) | 08/2021 - 04/2022

- Designed and developed event management platform with **Nodejs**, **MongoDB**, growing engagement **200%** in 6 months.
- Built reusable **React** components with **Redux**, improving functionality and performance.

Technology Media Maven | Web Developer - (<https://www.techmediamaven.com>)

Remote (Abuja, Nigeria) | 01/2018 - 07/2021

- Delivered Web apps for **30K+** users with **React/Node.js**, secured logins with **JWT + Passport.js**.
- Refactored legacy systems using **SOLID** principles, improving performance and uptime.

RECENT PROJECTS & CONTRIBUTIONS

- [Purpose Connect](#) (2025) – Engineered reusable **React (TypeScript)** components and **API** integrations for onboarding and user dashboards; enhanced **UX** consistency and scalability on **Firebase**. Integrated generative AI using Google Gemini for interview preparation via automated mock interviews.
- [Greenbaq AI](#) (2025) – Built onboarding flow and implemented **Next.js + TypeScript** dashboards and **Stripe API** integrations for ESG financing workflows accelerating **MVP** delivery within optimized component architecture.

EDUCATION

- **University of the Potomac** – M.S., Information Technology (*in-view*).
- **Nile University of Nigeria** - Post-Graduate Diploma, Computer Science.
- **Afe Babalola University** – B.Eng (Hons), Electrical/Electronics Engineering.

CORE SKILLS

Node.js, Java, Spring Boot, React, Next.js, TypeScript, AWS, Firebase, Docker, CI/CD, MongoDB, PostgreSQL, Microservices, Oauth2, JWT, Agile, Git, AI.