

Amman Abua

Software Engineer | Full-Stack Developer

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Versatile Full Stack Developer with 5+ years of experience building responsive, data-driven web apps using JavaScript (React, Next.js, Node.js), TypeScript, and AWS. Proficient in RESTful APIs, interactive UIs, and end-to-end deployments. Skilled in CI/CD, version control, and scalable, secure architectures. I'm highly adaptable, collaborative, detail-oriented, and focused on delivering seamless UX and robust backend systems. Seeking opportunities to leverage my skills to create value for a thriving organization.

TECHNICAL SKILLS

- **Front-End:** React, Next.js, Redux, Typescript, Material UI, Tailwind CSS, HTML, CSS, Bootstrap
- **Back-End:** Java, Spring Boot, Node.js, Express.js, REST APIs, GraphQL, Microservices
- **Databases:** MongoDB, MySQL, PostgreSQL, Neo4j, Redis
- **Cloud & DevOps:** AWS, Firebase, Docker, Kubernetes, CI/CD, Git
- **Security & Testing:** OAuth2, JWT, Jest, JUnit, Postman
- **Software Design:** System Architecture, SOLID Principles, Design Patterns
- **Data Visualization:** D3.js, Chart.js
- **Project Management:** Agile/Scrum, Jira, Trello, GitHub Projects
- **Development Tools:** Webpack, Babel, NPM, SEO, Figma
- **Artificial Intelligence:** Prompt Engineering, OpenAI, Claude, Gemini, AI Integration
- **Soft Skills:** Collaboration, Communication, Problem-Solving, Leadership

INTERNSHIP EXPERIENCE

Purpose Connect | Software Engineering Intern - (<https://www.purposeconnect.io>)

Remote (Springfield, MN) | 03/2025 - present

Web platform connecting students to purpose-driven communities and organizations.

(Technologies: React, NextJS, Tailwind CSS, Mantine Core, TypeScript, AWS, Firebase, Git)

- **Built modular, reusable React (TypeScript) components** for the **onboarding flow**, **user dashboards**, and **profile interfaces**, resulting in a more maintainable codebase and consistent UX across the platform.
- **Integrated third-party APIs** to support features such as authentication, email notifications, and user activity tracking, enabling seamless user interactions and expanding the platform's capabilities.

Greenbaq AI | Software Engineering Intern - (<https://www.greenbaq.ai>)

Remote (London, UK) | 01/2025 - present

Fintech ESG platform enabling sustainable financing for SMBs

(Technologies: React, NextJS, TypeScript, Redux, Chartjs, Firebase, AWS, Stripe API, Python, Git, GitHub Actions)

- I built a suite of **reusable React (TypeScript) components** for the investor and enterprise **dashboards**, **enhancing UI consistency** and reducing front-end development time significantly.
- **Integrated third-party APIs** (Stripe) to support secure data exchange and loan processing features, enabling businesses to connect with financing options and streamlining the end-to-end ESG workflow.

- Researched and evaluated new tools (e.g., component libraries, data visualization solutions) to support ESG data reporting and guided technology choices that accelerated feature delivery during the MVP phase.

PROFESSIONAL EXPERIENCE

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

Manchester, United Kingdom | 05/2022 - 10/2023

(Technologies: React, Typescript, Node.js, Express.js, Java, Spring Boot, MongoDB, MySQL, AWS, CI/CD, Docker)

- **Developed** scalable **RESTful APIs** using **Spring Boot and Node.js**, reducing transaction times and improving system efficiency.
- **Integrated** third-party services like **Stripe for payments**, streamlining onboarding, and enabling **35,000+ transactions**.
- **Migrated** legacy monolithic systems to **cloud-based microservices**, improving scalability and system monitoring.
- **Transformed** UI mockups into responsive web applications using **React (Next.js, Typescript), Redux, Material UI, and Tailwind CSS**.

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

Nairobi, Kenya | 08/2021 - 04/2022

(Technologies: Node.js, Express.js, React, Redux, Typescript, MongoDB, REST APIs)

- **Designed and developed** a dynamic **event management system** for fitness challenges, enhancing user engagement.
- **Built** reusable **React components** with **Redux state management**, improving front-end performance.
- **Developed** a robust backend with **Node.js and MongoDB**, optimizing data handling and API efficiency.
- **Implemented** secure **OAuth2 authentication** and API interactions with **AJAX, JSON, and XML**.

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

Abuja, Nigeria | 01/2018 - 07/2021

(Technologies: HTML, CSS, JavaScript, React, Node.js, MongoDB, Figma, Bootstrap)

- **Developed** and maintained web applications serving **30,000+ users** with responsive UI and secure backend.
- **Secured** authentication using **Passport.js with JWT**, improving data protection and preventing unauthorized access.
- **Worked** on secure HTTP requests using **cookies, session, and middleware**, improving application security.
- **Optimized** existing web applications by applying **SOLID principles** to improve scalability, efficiency, and performance.

EDUCATION

- **Maharishi International University** - Master of Science in Computer Science (*Ongoing*)
- **Nile University** - Post-Graduate Diploma in Computer Science (*2023*)
- **Afe Babalola University** - Bachelor of Engineering in Electrical/Electronics Engineering (*2016*)

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** - [LINK](#)