

Amman Abua

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Skilled software engineer with 4+ years of experience in all stages of the software development life cycle (SDLC) including requirements discovery, design, development, testing, and support. Proficient in operating systems, development environments, data architecture, front-end and back-end development. Experienced in Agile methodologies and test-driven development to deliver high-quality, scalable solutions. Seeking the opportunity to leverage my skills to create value for a thriving organization.

CORE COMPETENCIES

- System Design • Database Design • Object-Oriented Programming (OOP) • UI Implementation • Single Page Applications
- Backend Development • SOLID Principles • Kubernetes • CI/CD • Cloud Infrastructure

EXPERIENCE

Software Engineer

May. 2022 - Oct. 2023

Sparetime Digital | Manchester, United Kingdom

- Implemented efficient, robust, and scalable backend systems with RESTful APIs utilizing Node.js, Express, Spring Boot and Hibernate with MongoDB and MySQL databases, reducing transaction times and improving overall user experience.
- Architected microservice applications with real-time notification systems and abandoned cart reminder system, driving operational efficiency and significantly boosting customer retention.
- Developed seamless third-party integrations including Stripe for payments, scheduling systems, streamlining onboarding and payment processes successfully facilitating over 35,000 transactions.
- Migrated legacy systems to cloud-based microservices architecture and utilized observability tools to monitor infrastructure, and created in-house libraries to enhance team productivity.
- Designed and transformed mockups and prototypes into clean, responsive, and scalable web applications using Figma, React, Nextjs, Typescript, Material UI, and Tailwind CSS, meeting 100% of the functional requirements.

Software Developer

Aug. 2021 - May. 2022

Manyactive App Ltd. | Nairobi, Kenya

- Built event management system for fitness challenges among users utilizing Node.js, Express, Typescript, and MongoDB
- Implemented application-level code to interact with RESTful APIs, and web services using AJAX, JSON, and XML.
- Created reusable React components and managed state with Redux to persist real-time data, improving functionality.
- Developed UI using React, Material UI, and Tailwind CSS to consume backend APIs for a frictionless user experience.

Web Developer

Jan. 2019 - Jul. 2021

Technology Media Maven | Abuja, Nigeria

- Developed UI mockups and prototypes using Figma, and transformed them into functional code using HTML, CSS, JavaScript, React, Chakra UI, Node.js, and MongoDB meeting all business requirements and serving 30,000+ users.
- Worked on routing, middleware, cookies, and sessions to ensure secure HTTP requests.
- Utilized Node.js passport authentication strategies for encrypted JSON Web Token requests ensuring data security.

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

SKILLS

HTML | CSS | JavaScript | Typescript | React | NextJS | Material UI | Tailwind CSS | Bootstrap | Redux | Node.js | Express.js | MongoDB | MySQL | PostgreSQL | Java | Spring Boot | RESTful APIs | Data Structures & Algorithms | Postman | NPM | Webpack | JUnit | Figma | AWS | Jest | Docker | Jira | Git