THOMAS MUSENGWA

Full-Stack Developer
Fayetteville, AR | +1 (479) 367-1647
Thomasmusengwa1@gmail.com
https://www.linkedin.com/in/thomas-m-22299913a/
https://thomasmusengwa.me/

Full stack software engineer with 7+ years of experience building scalable web and mobile apps across healthcare, retail, and enterprise environments. Delivered high-impact systems that saved millions in development and support costs through reusable design systems, accessible components, & efficient architecture while following all Web Content Accessibility Guidelines. Skilled in ReactJS, React Native, TypeScript, CI/CD.

SKILLS & TECHNOLOGIES

- TypeScript
- NodeJS
- AWS
- React / React Native
- Figma / CodeConnect
- CI/CD Pipelines
- unsloth, Claude & Github Co-pilot
- Shopify / Liquid
- PostgreSQL & SQL
- GraphQL & Sequelize
- CMS / Drupal / Strapi
- Jest, Sauce Labs & Playwright
- A11y / WCAG 2.2

EXPERIENCE

Senior React Native Developer - *Optum Health, Fayetteville Arkansas*
January 2023 – Current
- Led the development of a flexible, scalable React Native component library, adopted across UnitedHealth Group and its subsidiaries. Saving over $2 Million and +50,000 Development hours annually.
- Collaborated with internal and external teams to design and implement WCAG (Web Content Accessibility Guidelines) compliant, performance-optimized components adaptable to multiple brands while maintaining design consistency.
- Drove key architectural decisions that significantly reduced consumer implementation and support time, streamlined integration, enhanced customization and enabled white labeling without compromising design integrity.
- Architected and implemented a three-tier design token system in both code and Figma, successfully tokenizing over 80 components in one month to support brand theming, white labeling, and consumer customization.
- Integrated components with Figma Code Connect to enable seamless developer access and adoption.
- Designed and built robust CI/CD and testing pipelines to ensure reliability and maintainability of the component library.

Senior React Native Developer - *Rural Sourcing, Fayetteville Arkansas*
October 2022 - January 2023
- Contributed to a contract team in the development of a scalable, high-performance mobile application leveraging React Native, SWR, and contemporary web technologies.
- Collaborated with engineers, designers and product managers to define and enforce optimal practices, coding standards, and a scalable architecture, resulting in enhanced application performance and maintainability.

React Native Developer - *Accella LLC, Fayetteville Arkansas*
June 2022 - September 2022
- Developed, optimized, and deployed multiple web applications in direct collaboration with customers to streamline business processes and enhance revenue generation.
- Utilized a diverse tech stack, including AWS, MySQL, ReactJS, Bitbucket, and Jira, to deliver scalable and efficient solutions.
- Authored comprehensive documentation for existing projects, detailing best practices, architectural decisions, and implementation guidelines to improve maintainability and knowledge transfer.

Associate Developer Applications - *Tyson Foods, Springdale Arkansas*
March 2021 - June 2022
- Developed and deployed scalable web and mobile applications as a full-stack developer, utilizing Flutter, ReactJS, React Native, NodeJS, PostgreSQL, Drupal, and Jest to streamline processes and ensure consistent quality.
- Created and maintained comprehensive documentation on best practices and technical expectations for technologies like Jest, GitLab, and EnzymeJS, improving team efficiency and knowledge sharing.

Software Engineer - *Walmart Labs, Bentonville Arkansas*
September 2017 - March 2021
- Developed, tested and maintained internal applications saving an estimated $1,000,000 annually in labor cost, on top of an estimated 3.65 million customer hours.
- Used a multitude of development tools such as: SWIFT, AngularJS, ReactJS, and React Native
- Administered rigorous test protocols to ensure a minimum of 95% code coverage throughout project development.

EDUCATION

Bentonville High School
- Information Technology Program
- EAST Program – Focus on VR Game Development
- Ignite IT Solutions Program – Gained real-world experience and completed internships with local businesses, focusing on technology solutions