

HADIJAH KYAMPEIRE

Fairfield, Iowa 52556 • +1-737-363-8389 • hadijahkyampeire@gmail.com
<https://www.linkedin.com/in/hadijah-kyampeire-418900141/> • [Portfolio](#)

FRONTEND REACT SOFTWARE ENGINEER

Frontend Software Engineer with 6+ years of experience developing high-performance, user-centric web applications using ReactJS and the modern JavaScript ecosystem. Skilled in delivering scalable solutions in FinTech (risk systems, financial crime detection) and Health Informatics (patient forms, clinical views). Known for writing clean, modular code and modernizing legacy systems to improve performance and maintainability. Experienced in microfrontend architecture and effective collaboration within Agile teams. Proficient in ReactJS, TypeScript, HTML, CSS, Sass, Material-UI, and Git.

- Frontend Development • UI/UX Implementation • Micro-frontend Architecture • State Management • API Integration
- Web Application Optimization • Legacy Code Modernization • AWS • Agile Software Development
- Cross-functional Collaboration • Code Quality & Reviews • Team Leadership & Mentorship • Version Control

Languages: JavaScript, TypeScript

Web: ReactJS, HTML, CSS, Sass, Tailwind, NodeJS

Web Services: REST

Frameworks: NextJS, React Native

Databases: PostgreSQL, MongoDB

Design Patterns: Component-Based Architecture, Higher-Order Components (HOCs), Context API, State Management Libraries (Redux, Zustand), Component Pattern, Micro Frontends

SDLC: Agile, Scrum

Tools: Create React App (CRA), React Developer Tools, Redux DevTools, ESLint, Webpack, Visual Studio, IntelliJ IDEA, JIRA, Trello, Microsoft Teams Foundation

Platforms: MacOs, Windows, Heroku, Firebase, Amazon Web Services (AWS)

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

METS PROGRAM, Kampala, Uganda • 05/2024 – 09/2024

The Monitoring and Evaluation Technical Support (METS) Program is a 5-year CDC-funded initiative led by MakSPH, UCSF, and HISP Uganda, focused on strengthening HIV and TB programs in Uganda through health informatics, M&E, strategic information, and scalable HIS to enable data-driven, evidence-based decision-making.

Senior Software Developer

Built Frontend Microservices and health care packages.

- Built a reusable JSON schema-based UI framework for the clinical views with React and TypeScript, reducing code duplication by 90% and streamlining customization.
- Developed schema validation and drag-and-drop features for a clinical form builder, cutting form creation time by 40% and enabling use without JSON expertise.
- Enhanced UgandaEMR's stock management by adding features and fixing bugs, reducing stock-related issues by 50%.

Technologies Used: ReactJs, Typescript, Formik, Micro-Frontends, Carbon design, SWR.

ANDELA – Client - Sigma360, New York City, USA (Remote) • 10/2018 – 04/2024

Andela connects global talent with opportunity through a collaborative tech platform.

Mid-Level Frontend Engineer (06/2020 – 04/2024)

Built an intelligent web software to power smarter risk decisioning at scale.

- Engineered an analytics dashboard for Sigma360's risk platform using ReactJS, AntDesign, ReactPDF, and ChartJS, reducing data analysis time by 35% by visualizing key entity risk metrics for faster decision-making.
- Integrated Google Maps into the Sigma Locations interface using ReactJS and Google Maps API, achieving seamless entity geolocation for users. This made following up risk associations much easier.
- Led a PoC for rendering a large-scale graph-driven risk network using Cytoscape and Neo4J, cutting costs with open-source tools and boosting product competitiveness by 40%.
- Conducted peer reviews on pull requests and managed large features with requirement notes, breakdowns, and estimates in Monday.com, ensuring consistent code quality and task clarity.

- Revamped a legacy web app using ReactJS, Zustand, TanStack Query, and Storybook, improving state management and reusability, which enhanced code quality and cut UI development time by 25%.

Junior Engineer (10/2018 – 05/2020)

- Developed a standalone entity risk rating app using ReactJS, Redux, and SASS, standardizing code practices and enabling automation that boosted analyst productivity by 70%.
- Integrated Google Analytics into the Sigma360 web platform to track user interactions, achieving data-driven feature prioritization. This improved user engagement insights, increasing feature adoption within six months.
- Mentored a newly hired developer through the codebase and workflows, achieving accelerated team productivity. This enabled the mentee to contribute to production code 60% faster within three months.
- Designed reusable UI components for the risk rating interface using ReactJS and, achieving enhanced visual consistency and user experience. This reduced UI development time by 20% for subsequent feature additions.

Technologies Used: *JavaScript, React, Ant Design, ChartJs, React PDF, SASS, TanStack Query, Redux.*

ANDELA UGANDA LIMITED, Kampala, Uganda • 12/2017 – 09/2018

Andela connects global talent with opportunity through a collaborative tech platform.

Entry-level Software Engineer

Building sole full stack applications and contributing to Open-Source applications.

- Built a full-stack recipe-sharing app using React.js and Flask, enabling users to post, store, and browse cooking recipes.
- Contributed to open-source health and fitness tools (Healthchecks, Wger) using Python/Django and Django Templates during simulation projects.
- Developed a React.js-based concept dictionary management tool for OpenMRS to streamline medical terminology handling within their EMR system.

VOLUNTEER EXPERIENCE

OpenMRS, Carmel, Indiana (Remote) • 04/2021 – 08/2023

OpenMRS is a community-developed, open source, enterprise electronic medical record system platform.

Volunteer Frontend Fellow Developer

Building Health care micro frontends and packages.

- Developed a stock dashboard for International Committee of Red Cross built on OpenMRS EMR System, cutting inventory issues by **40%**.
- Added multilingual support to OpenMRS with react-i18next, increasing adoption by **35%**.
- Improved clinical form engine in Angular, boosting submission efficiency by **30%**.

Technologies Used: *ReactJs, Typescript, SWR, Carbon Design, React-i18next.*

ACADEMIC PROJECTS

Maharishi International University (2025)

Property Management System: Co-led development of a web-based Property Management System with a team of 5, focusing on frontend and project management using Java, Spring, ReactJS, and Material UI. Contributed to backend tasks to enable seamless communication between house owners and customers. Delivered a user-friendly platform that met project goals and earned top course marks.

PERSONAL PROJECTS

E-Learning Platform – React Frontend (2025): An E-Learning platform serving students, teachers, and organization admins. Utilized React, Typescript, RTQ query and Material UI.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 06/2027)

Maharishi International University, Fairfield, Iowa

Key Courses: *Web Application Architecture, Algorithms, Enterprise Architecture, Cloud Computing*

Bachelor's in Computer Engineering

Busitem University, Busia, Uganda (10/2017)