

Richard Achonye

Software Engineer

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Profile

Frontend-focused software engineer with years of experience delivering responsive, accessible web applications using modern JavaScript frameworks. Proven leader in cross-functional teams, skilled in designing scalable systems, leading UI architecture, and mentoring fellow developers. Known for clean code, fast iteration, and a collaborative mindset

Education

Masters of Science in Business and Management <i>University of East Anglia</i>	January 2025 – present Norwich, United Kingdom
Bachelor of Engineering(HONORS) in Chemical Engineering <i>University of Port Harcourt</i>	January 2015 – November 2021

Professional Experience

Frontend Engineer <i>IQM Solutions</i> <ul style="list-style-type: none">Building components in the atomic level needed for larger componentsDeveloped comprehensive test stories using Storybook and Chromatic to ensure component functionality, visual consistency, and user experience.	March 2025 – present Brighton, United Kingdom
Software Engineer <i>Miva University (ULesson)</i> <ul style="list-style-type: none">Developed and optimised an open univerisity student and admin portal , automating processes for student results and improving disbursement speed, resulting in higher client satisfaction and increased operational productivity.Developed a payment and payment management system, reducing financial tracking and analysis time by 50%, significantly improving reporting accuracy and compliance.Enhanced authentication flow to protect student's account using Multifactor authentication thereby increasing security by 60%	October 2024 – present Nigeria
Senior Software Developer <i>Huiospay Limited</i>  <ul style="list-style-type: none">Architected and deployed RESTful APIs for Huiospay's digital banking system, enhancing customer experience and increasing system efficiency by 35%, enabling faster transactions and better service delivery.Led the design and development of an audit and event logging system, reducing financial tracking and analysis time by 50%, significantly improving reporting accuracy and compliance.Mentored and coached junior engineers and placement students, developing their skills in system design, React, event-driven architectures, and fostering best practices across the team.	June 2023 – July 2024

Projects

Payslate

November 2023 –
April 2024

Lead Software Engineer

- Directed the development of a Microfinance core banking application for high-value transaction processing, leading a team of three engineers. Maintained a quick, detailed, and responsive approach, minimising back-and-forth communication and enabling seamless collaboration with stakeholders. Demonstrated flexibility by incorporating client-requested changes efficiently without compromising quality or timelines. Delivered a high-performance solution, driving a 33% surge in transactions within four months while maintaining a fix-forward mindset to resolve issues proactively.

Miva University Student Portal

October 2024 –
January 2025

Senior Frontend Engineer

- Led the development of a web-based platform for students of an open/ distance-learning university to manage their student experience, pay their fees, view results, upload documents and more. Worked with scalable architecture with robust APIs and load balancing to accommodate a large and growing user base. Enhanced platform security by implementing authentication protocols, encrypted data storage, and secure payment gateways. Strengthened user trust through verification processes involving images, government and police records, and integrated emergency contact options for police or health services. Leveraged technologies including Go, React, TypeScript, Jest, Redis, MSSQL, and PostgreSQL to deliver a high-performing, accessible solution with optimised load times and seamless user experience

UBEC E-learning application

E-learning web, mobile and desktop applications built for the Universal Basic Education Board of Nigeria.

- Responsible for building the desktop application using Reactjs and Electron which was installed on over 500 desktops and 5000 tablets.
- Assisted in building the admin dashboard to handling uploading of tests into the database

Skills

Frontend: Reactjs, | Nextjs | React Native | Alpinejs | Vue

Tools: Git | Storybook | Chromatic

Backend & Database/ DBMS: Node | Express | AWS | MongoDB | MySQL