

DAVIES WABULUKA

Fairfield, Iowa 52556 • +1-641-233-9729 • davieswabuluka6@gmail.com
<https://www.linkedin.com/in/wabuluka-davies-73b0691ab/>

REACT DEVELOPER

Skilled and results driven React Developer with 3+ years of experience delivering scalable web and mobile applications across the transport, fintech and education industries. Proficient in building responsive and dynamic user interfaces using React.js and React Native with strong expertise in modern frontend architectures, RESTful APIs, and real time features. Experienced in integrating backend services using MongoDB and PostgreSQL and deploying applications on AWS cloud infrastructure. Adept at cross-functional collaboration, performance optimization, and writing clean, maintainable code.

- SOLID • Data Structures • Object Oriented Programming • Database Management • Database Design • Security
- Web Content Accessibility Guidelines • APIs integration • Performance Optimization • CI/CD • Cloud Computing

Languages: TypeScript, JavaScript, PHP

Web: React, Vue JS, HTML, HTML5, CSS

Web Services: REST, JSON

Web/App Servers: Node.js, Nginx, Apache

Frameworks: React Native, Laravel

CMS: WordPress

Databases: SQL, MongoDB, MySQL, Postgres, Realm

Design Patterns: Singleton, Dependency Injection

SDLC: Agile (Scrum), Waterfall

Tools: Git, NPM, Docker, AWS (IAM, S3, EC2, Lambda, SNS, Load Balancer, VPC, API Gateway), Azure (AWS IAM, Virtual Machines, Azure Cosmos DB, Containers)

Platforms: Windows, Linux, MacOS, AWS, Azure, GCP

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).

SERVICE COPS LIMITED, Kampala, Uganda • 04/2023 – 10/2024

Service Cops Limited is a Financial Technology and Business Processes Solutions provider.

Frontend Developer

Designed, built and maintained mobile and web applications.

- Upgraded an existing mobile application from React Native 0.64 to 0.74, enhancing performance, ensuring compatibility with modern libraries, and improving long-term maintainability.
- Implemented new features for the mobile application by integrating APIs in React Native, enabling dynamic data rendering, expanded functionality, and smoother user interactions.
- Integrated payment functionality using the Community Pass API, supporting Mastercard transactions for secure and seamless in-app purchases.
- Published the mobile application on the Google Play Store, ensuring public availability, accessibility, and efficient version distribution. Converted the application to use Expo for faster CI/CD.
- Optimized the same mobile application for iOS using React Native, achieving cross-platform consistency and expanding market reach.
- Built a parent portal within the school application using React Native, enabling parents to track their children's transactions for better accountability.

Technologies Used: React, React Native, Google Services, Community Pass, Mobile Money, Redux Toolkit, Realm, Expo

RIDEX TECHNOLOGIES LIMITED, Kampala, Uganda • 03/2022 – 04/2023

Ridex specializes in developing applications for emergency response and delivery services.

Software Engineer

Built and Maintained Mobile Applications.

- Integrated Code Push into the react native mobile applications using the Code Push SDK, enabling users to receive automatic updates with the latest features and fixes faster without updating from stores.
- Integrated Twilio verification into the Laravel authentication API and the react js web application and react native mobile application to verify users during sign-up, improving security and reducing fraud.

- Integrated ride-pairing features in the web and mobile applications using MQTT message broker and Google Maps to enable road users to request nearby riders, hence increasing revenue.
- Integrated local mobile money payment services using mobile banking APIs like MOMO API into the applications to make it easy for riders to get paid for rides offered.

Technologies Used: JavaScript, React Native, React JS, MySQL, Git, Docker, WebSocket, PHP, Laravel, Google Maps, Code Push, MQTT.

FREELANCE EXPERIENCE

Webvator – Uganda Web Designers • 08/2019 – 07/2020

Webvator specializes mainly in building WordPress websites for small and medium scale business.

WordPress Developer

- Created the overall website architecture, designed user interfaces and developed new features and functionalities as request by clients.
- Built plugins to accomplish special requirements for clients for example I built a WooCommerce payment plugin that integrated the local payment system using mobile money.
- Configured tracking systems into websites for clients to know how their products were being consumed for example added Google Analytics. This also helped to improve the SEO of the websites.
- Updated website plugins, themes, added chatbots, improved website security and configured mail servers for clients

Technologies used: WordPress, JQuery, WooCommerce, Elementor, Bootstrap, MySQL, Inspector Tool, MailChimp

INTERNSHIP EXPERIENCE

Laboremus, Kampala, Uganda • 09/2020 – 03/2021

A fintech company based in Uganda but with roots in Norway. They specialize in KYC for financial institutions.

Software Engineer Intern

Built API, Frontend, Backend, SCRUM, SOLID, DevOps.

- Planned the application design with the team and came up with sprints that guided the development of Streamline feedback system for Laboremus solutions.
- Designed and implemented the frontend UI using Vue.
- Implemented the backend API with Express and MongoDB to handle requests and responses for the frontend and deployed to the AWS cloud (S3, EC2).

Technologies Used: NodeJS, Vue JS, Express JS, Agile, Trello, SCRUM, AWS (S3, VPC, EC2, Document DB).

ACADEMIC PROJECTS

Maharishi International University (2025)

Product Review and Rating Platform: A product review and rating platform where users can browse products, post reviews, and rate products. Utilized React, Express.js, MongoDB, AWS, Git.

PERSONAL PROJECTS

Ride App 2025: An application that lets one join a ride to a given destination by sharing cost or requesting a free lift. Utilized Nodejs, React, Git, RabbitMQ, MongoDB, TypeScript.

EDUCATION

Master of Computer Science in Computer Science

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

Maharishi International University, Fairfield, Iowa

Key Courses: Algorithms, Software Engineering, Web Application Development, Cloud Computing

Bachelor's degree of Science in Computer Science

Makerere University, Kampala, Uganda (07/2019)

CERTIFICATIONS

- The Refactory Catalyst Course, three months of software engineering fundamentals
Accelerated Learning Certificate in Software Development