

# YESU KUMI APRAKU

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## EDUCATION

**Ashesi University**  
**BSc Computer Science**

**Berekuso, Eastern Region**

## WORK EXPERIENCE

**Child Rights International** – Accra, Ghana

**Sept 2022 – Oct 2023**

**I.T Officer / Software Developer**

- Designed and developed a cross platform mobile application to serve as a channel for reporting child protection cases and monitor progress of reports with utmost ease in Ghana.
- Provided technical support such as troubleshooting and software/hardware installation/onboarding.
- Embarked on trips to various urban and rural areas to assess citizens' lifestyle, knowledge and understanding of child abuse through engaging them in interviews and observation.

*Technologies Used:* Flutter, Dart, Firebase

**Ashesi University** (Ashesi Innovation Experience) – University Ave, E.R

**Jun 2022 – Aug 2022**

**Teaching Assistant**

- Taught Leadership, Design and Entrepreneurship modules and supervised students in their project work.
- Led a team of students in finding a problem space in the inefficient transport system/services in Ghana(Accra) with ethnographic and empathetic analysis of the problem which resulted in the discovery of a possible solution.
- Provided technical support and served as a Sound Engineer for conferences and other gatherings.

**Adroit 360** – Spintex, Accra

**Jun 2021 – Aug 2021**

**Frontend Developer**

- Worked in a team of highly skilled developers with my main role as a UI/UX designer and frontend developer.
- Designed, developed and maintained clients' websites and mobile apps to enable clients and users have the ideal user experience.

*Technologies Used:* Angular.js, HTML, Bootstrap, Figma

## PROJECTS

**AccessPoint**, A Fleet Management App

**Jun 2024 – July 2024**

**Full-stack Developer**

- Exit Request Management:** Employees can request exit permits through the system, with real-time approval or rejection by managers. Approved requests are then displayed to the security team for tracking.
- Manager Dashboard:** Built a dashboard for managers to view, approve, or reject exit requests, with status updates integrated into the system.
- Security Dashboard:** Created a dedicated security dashboard to show approved exit requests and manage vehicle movements.
- Vehicle Status and Time Management:** Incorporated real-time status tracking to record vehicle check-ins and check-outs, ensuring efficient vehicle usage.
- System Notification:** Implemented a notification system to notify managers of any new exit requests.

*Technologies Used:* React.js(Vite), Node.js, Express.js, MongoDB, Formik, Yup, Axios, JWT-based authentication

**Customer Sales Monitor**

**Sep 2024 – Oct 2024**

**Full-stack Developer**

- Customer Geolocation with Geofencing:** Categorized customers based on their location using geofencing. Ensured staff attended to all customers daily, improving sales and customer satisfaction.
- QR Code Scanning for Product Restock and Invoicing:** Implemented QR code scanning functionality to fetch customer data, restock products, and generate invoices, allowing seamless interaction with customer profiles and order management.

- **Visit Status Tracking:** Tracked customer visits by staff, ensuring all customers were attended to each day and contributing to increased sales and revenue.
- **Real-Time Mapping:** Displayed customers on a map with their visit status, enabling easy monitoring of staff progress. The system included filters for managing and visualizing customer data efficiently.

*Technologies Used:* React.js(Vite),Node.js, Express.js, MongoDB(with geospatial data support), QR Code Scanner, Formik, Yup, Axios, Google Maps API, Google Geocoding API, JWT based authentication.

**World360**, A News Web App  
**Full-stack Developer**

**Jan 2023 – Feb 2023**

- **Responsive UI:** Built a modern user-friendly interface that adapts to various screen sizes, enhancing user experience across devices.
- **Real-Time News Updates:** Integrated with a News API to fetch and display the latest news in real-time.
- **Personalized News Feed:** Allowed users to filter news updates based on their preferences in categories such as Business, Technology, Health, Sports, and Entertainment.

*Technologies Used:* React.js(Vite), Node.js, Axios, News API.

## **SKILLS**

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- HTML, CSS, JS, Bootstrap
- Node JS
- Express JS
- Flutter (Dart)
- React JS
- MongoDB
- MySQL
- Firebase
- Leadership
- Critical thinking and Problem Solving

## **REFERENCES**

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Available upon request