# MARTINS AKE
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## INTRODUCTION

I am an innovative and creative problem solver who thrives on finding solutions and improving systems. This passion drove me to study engineering, equipping me with the skills to turn ideas into impactful solutions. As a software engineer, I find joy in building tools that enhance lives and make work more efficient. I'm eager to contribute my skills to a team and keep learning while creating meaningful solutions.

## TECHNICAL SKILLS

**Languages:** JavaScript/TypeScript, Ruby, C, Python

**Frameworks/Libraries:** React,Next, Ruby on Rails, Tailwind

**Databases:** MySql3, Firebase, Postgres

**Version Control:** Git, GitHub, GitLab

**Dev Tools**: Node, PostMan, WordPress, Jira, Notion

**Testing tools:** CyPress, Jest, RTL, Locust & Selenium

**Design Tools**: Figma, Canva, CorelDraw, Photoshop

**Soft Skills:** Leadership, Communication, Collaboration and P.M

## PROFESSIONAL EXPERIENCE

**Outsource Global**, Abuja, NG                                                                April 2023 - Present
*Software Engineer*

- I Joined a team of professionals to work on a Medical Exchange (MedEx) project that aids pharmaceuticals and medical supplies to patients allowing a seamless flow of business communication between chains of supplies between Manufacturers down to the Retailers, working with Typescript, Ruby on Rails, React, React Hooks, APIs and applying core tech principles while working on projects, code reviews, and pair programming sessions.
- I built the landing page for the MedEx project using React.ts & styled-component and also optimized for mobile responsiveness which has made user engagement better because of great user experience.
- I used tools like chart.js and re-chart to build an interactive web chart component and User and  Admin Dashboards
- I was also part of the IDEC Dev Team for a national project building a portal for a simpler and smarter end-to-end automated process for the Customs Import Duty Exemption application, working with Next.ts, ShadCN & Tailwind, I built the certificate viewing pages for the IDEC - M&E project, that helped end-users easy access to viewing and downloading their certificates.
- Built the VReg analytical dashboard using React.ts and tailwind, shadCN and more…
- I have build the vehicle verification system (VVS) pages and verification process flow UIs using Next.js
- Also a member of the National Incentives Monitoring and Evaluation Platform (NIMEP)

**ai-Medcare** (StartUp)                                                                Dec 2023 – Present
*Software Engineer / Team Lead*

- Built the user interfaces, landing page and more using React.ts + Vite, Tailwind CSS and ShadCn also plugged the App into Google API for AI chat basic functionalities and automated AI response

**Enverge Limited,** Abuja, NG                                                                Nov 2021 - 2024
*Software Engineer & Data Analyst*

- Built and deployed a mobile-based virtual TopUp application for Airtime, Data, and Cable Tv subscriptions with electricity bill payments and more, using Samora SaaS solution, integrated with Paystack API payment gateway, the solution has helped the company make more money from the provided services.
- I Built and deployed the company's websites using HTML, CSS, Javascript and WordPress CMS solutions and hosted on all site on Namecheap server and hosting platform, I'm also responsible for all site maintenance and supports
- I implemented SEO using Yoast SEO tool for all the company's websites which made the company attract more clients, and in turn, helped increase sales and revenue of the company.
- Was also part of the network operation center (NOC) team Installing Windows / Linux Servers, Routers, Switches and setting up MikroTik Servers in data center, using tools like VOS3000 softSwitch, Tera-Term, and WinBox to monitor

mobile networks and be sure traffic is always up and running,

**Azana** (Financial Management system) (StartUp)                                                          2025
*Lead Frontend Engineer*
- Azana is a financial, asset and liability management system which i spearheaded the frontend engineering team, I was responsible for converting all the Figma UIs designs into modularize and reusable components and also plugged the endpoint necessary for full functionalities, using tools like [React.ts](#) + Vite,  Tailwind CSS, [Chat.js](#), Zustand.

**FXBOT360** (Contract)                                                                          2021 – 2024
*Software Engineer and Strategy Developer / QA Tester*
- Deployed AI trading BOT built on mt4/5 platform that helps automate trading processes mitigating the Risk of trading forex market and marking consistent profit on any set of trade processes with a result of 15-20% ROI on trade capital
- Building Forex trading strategy and implementing them using meta-trader code editor
- Setting up VPS for a 24-hour seamless remote trading experience, which helps users run a free-hand trading process
- Developed and managed company's website using Next.js, and other services such as emails and applications also implemented SEO for the company's websites the result attracted more audience that converted to more sales of BOT

**Qwasar Silicon Valley**, CA                                                                     (Volunteer)
*Software Engineering Guardian*                                                                 2022 – 2024
- As a guardian, I help provide guidance and direction to most academy trainees by explaining the process of getting a task done and pointing them to the right set of materials to use for each task, as a result several trainees eventually became guardians too.
- Coordinating and Leading some of the everyday standup meetings using Google Meet, Zoom, and Microsoft Teams,I took some live coding sessions for problem-solving and algorithm explanations

**Digital Short Let Apartment,** Freelance                                                    Jan 2023 – Feb 2023
*FrontEnd Engineer*
- I built the administrator's Dashboard using React, Tailwind, and ReCharts to create user-friendly web interfaces where users can have simple and great user experience and Analytics from the Dashboard.
- Connected the Admin dashboard API endpoints to the frontend for seamless dataflow and user interactivity.

**CodeRedKids Academy**, Abuja, NG                                                              2019 - 2020
*Programmer / Instructor*
- Teach and instruct children / Teens how to code using HTML/CSS/Javascript and Hardware programming tools such as (Arduino and Raspberry PI)

## Group / Personal - PROJECTS

**MedEx –** GitHub(Company's repo) **||** [https://medex-dev.ogtlprojects.com/](https://medex-dev.ogtlprojects.com/)                **Visit Live Project**
A Medical Exchange (MedEx) project that aids pharmaceuticals and medical supplies to patients allowing a seamless flow of business communication between chains of supplies from Manufacturers to retailers.

**IDEC –** GitHub(Company's repo) || [https://idec-admin-dev.ogtlprojects.com/](https://idec-admin-dev.ogtlprojects.com/)            **Visit Live Project**
The IDEC portal is a simpler and smarter end-to-end automated process for the Customs Import Duty Exemption application.

**VReg -** GitHub (Company's repo) || [https://vreg.gov.ng/](https://vreg.gov.ng/)                                   **Visit Live Project**
A centralized system enables streamlined vehicle registration and verification, reduces customs duty evasion, curbs vehicle-related crimes, identifies ineffective insurance coverage, eliminates paperwork, and centralizes nationwide vehicular information**.**

**Vehicle Verification System (VVS) -** GitHub (Company's repo)                                    **Visit Live Site**

**Ai-MedCare    -**  GitHub(Private repo) | https://ai-med-care-delta.vercel.app/ (old view)   - now in confidential mode.

I led a team to develop an AI-powered medical diagnosis system featuring a live Intelligent ChatBot that utilizes NLP technologies to provide first-aid medical assistance and recommend professional doctors when necessary. This was Built using React, Tailwind, Firebase, and the Google Gemini API, this project won the 2023 Hackathon organized by OutSource Global in collaboration with Qwasar at Silicon Valley. As the Team Lead and primary frontend developer, I played a key role in bringing this project to life, which has now evolved into a startup.

**FXBOT360** – Git (Private repo) || https://fxbot360.com

A Forex trading BOT built on mt4/5 platform that helps automate your trading processes using the Scalping trading strategy

**Digital Short Let Apartment** – Git (Private repo) || https://digital-shortlet-admin.netlify.app

A platform that eases the stress of having to book an apartment on site and getting all the best and flexible deals

**BASECAMP PROJECT**  - GitHub

A project management and team collaboration software. It's designed to help teams and organizations manage their projects, tasks, and communication. Basecamp provides a variety of features to facilitate project management and team collaboration, including to-do lists, file sharing, messaging, calendars, and more. (Ruby on Rails & Bootstrap)

**OTHER PROJECTS** – Freelancing & more:

Enverge Limited ( https://envergecomm.net/,  https://enverge.ca/ )

Enpaix (http://enpaix.co/)

## EDUCATION / CERTIFICATIONS

**Federal University of Technology, Minna**                                    Jan 2014- Nov 2019

- Bachelor of Engineering, Computer Engineering

**Qwasar Silicon Valley**                                                   Aug, 2022 - 2023

- Advance FrontEnd Development ( VIEW )
- FullStack-Engineer (VIEW)
- Introduction to Software Engineering (VIEW)

**National Youth Service Corps** (NYSC)                                    Nov 2020 – Oct 2021

## ARTICLES AND PUBLICATIONS

**A Novel Interactive IoT-Based Smart Electricity Power Consumption Management System**                **View**