

Formasit Chijoh Fokunang

Software Engineer

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SKILLS

Languages & Frameworks: React, TypeScript, NextJS, React Native, Java, Python, Django, Ruby on Rails,

Databases: MySQL, SQLite, PostgreSQL

Tools & Technologies: Git, GitHub, REST APIs, HTML, CSS, Redux

PROFESSIONAL EXPERIENCE

Tech Chantier, Buea - Software Engineer

July 2023 - Nov 2024 (1 Year, 5 months)

- **Point of Sale System:** Collaborated in a team of five to design and develop a web-based POS system using **NextJS, Typescript, REST API** and **Redux**, streamlining stock and inventory management, it is currently used by 50 stores since its launch in April.
 - Contributed significantly in designing intuitive User interfaces which increased user satisfaction by 20%.
 - Implemented the sales processing, open/close register functionality for managing cash in and cash out which improved transparency by 80% and eased cashiers work by 60%.
 - Spearheading the development of the mobile version using **React Native, Typescript** and **Redux** which supports complete offline functionality, where I am responsible for building intuitive User interface and offline syncing functionality using SQLite database.
- **QR Code & NFC Attendance System:** Spearheaded the development of an attendance management application using **Typescript, React Native, REST API, NFC**, QR code and Redux where I

- Significantly contributed in designing user friendly interfaces, implementing attendance tracking using QR code scanning.
- Integrated APIs for data synchronization and offline functionality which improved access by 60% in areas of limited internet connection.

Digital Renter, Buea - Front End Developer Intern

Dec 2022 - June 2023 (7 months)

- **Automated Event Scheduling App:** Assisted in developing a mobile application using React Native, increasing meeting confirmations by 75%, reducing no-shows by 30%, and boosting productivity by 20%.
- **Multi Tenant Real estate application:** Collaborated in a team of four to develop a multi tenant real estate application that helped real estate agents provision their website within 24 where, I single handed customized a single web application theme, this lead to a reduced time of provisioning web application for real estate agents to 24 hours and a significant improvement in their user base

Open Source Contributor - Wiki Education Dashboard

Sept 2023 – Present

- Contributed to the Wiki Education Dashboard, an open-source platform, by developing features and fixing bugs using **Ruby on Rails** and **JavaScript**.
- Wrote comprehensive automated tests using **Rspec**, **Selenium**, **Capybara** to ensure code quality and improve system reliability.
- Optimized build pipelines, reducing overall build time from 40 minutes to approximately 20 minutes, significantly improving development efficiency.
- Enhanced key platform features and resolved critical bugs, leading to a more seamless user experience.
- Leveraged **Git** and **GitHub** for version control, ensuring smooth integration and collaboration across a distributed team.

Software Developer Intern - Afrovision

Sept 2022 - Dec- 2022 (4 months)

- Contributed to the Buyam App, a hyper-local e-commerce platform, by fixing bugs and enhancing functionality using Java.
- Resolved UI inconsistencies to improve responsiveness and ensure a seamless user experience across devices.
- Debugged and optimized the product search functionality to deliver accurate and efficient results

PROJECTS

RealtorsScout - April 2023 - Present

- Developed a web-based real estate search and recommendation system using data mining techniques, **NextJs,Django and Elasticsearch**, reducing property discovery time by 30% and improving decision-making through personalized recommendations.

EDUCATION

University of Buea, BEng in Software Engineering

Oct 2020 - July 2024

LANGUAGES

- Fluent in English
 - Conversational in French
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SUMMARY

I am a highly motivated and fast learner with a strong willingness to adapt to new challenges and acquire new skills. Enthusiastic about mastering new technologies and

concepts to contribute effectively in dynamic environments.

