

PRIEST SABO OMBUGADU

FULL STACK SOFTWARE ENGINEER

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SUMMARY

Highly skilled and versatile Senior Full Stack Software Engineer with over five(5) years of hands-on experience in crafting and deploying cutting-edge web and mobile applications. Proficient in various technologies including React, React Native, Angular, NodeJs, Typescript, Nestjs, and more. In my current role, I spearhead the development of innovative solutions for scrap collections and recycling, leveraging my expertise to bridge the gap between ordinary users and sophisticated technology. My background in working with early-stage startups has equipped me with the agility and resourcefulness needed to thrive in fast-paced environments. I fully understand the entire development lifecycle, adeptly navigating cloud platforms such as GCP and AWS, mastering version control systems, and collaborating seamlessly with global teams. As the top graduate in my class, I possess a strong foundation in theoretical computer science, fueling my exceptional problem-solving abilities and driving me to seek out new challenges continuously. Known for my dedication to learning, I am committed to acquiring the skills necessary to deliver impactful and user-centric solutions. With a proven track record of success and a passion for innovation, I am poised to drive transformative change and exceed expectations in any development environment.

SKILLS

- JavaScript (ES6+)
- TypeScript
- Angular 2+
- Clarity UI
- Testing (Cypress, Jest, Cucumber)
- Nest.js
- HTML/CSS/SCSS
- React
- Node
- Git/Github
- Redux / Redux Toolkit
- MongoDB/Postgres/SQLite/MySQL
- AWS/Google Cloud Platform
- NextJS
- CI/CD
- React Native
- GraphQL
- Docker/Kafka/Redis/RabbitMQ

EMPLOYMENT HISTORY

Fullstack Software Engineer – Scrapays Ltd, Lagos, Nigeria

Oct. 2023 – Current

- I spearheaded the onboarding process for new team members, ensuring seamless integration into the system while conducting thorough code reviews to uphold high standards of code quality and maintainability.
- I architected and implemented a robust loan and fine system within the scrap collection platform, leveraging React Native and NestJS, enabling efficient leasing of assets to agents, with automated fines for defaulters, enhancing accountability and revenue streams.
- I enhanced the performance and user experience of the NextJS website by integrating analytics, conducting vital optimizations, and reducing load times, resulting in improved site responsiveness and customer engagement.
- I optimized database performance by implementing advanced query techniques, including joins and operators, in MySQL, while utilizing Redis cache to efficiently store and retrieve frequently accessed data, significantly improving application responsiveness and scalability.
- I implemented a microservices architecture using RabbitMQ to handle discrete actions, ensuring scalability, fault tolerance, and maintainability while resolving critical navigation bugs in React and React Native projects using React Router and React Navigation. Additionally, I introduced a systematic problem-solving approach, incorporating software diagrams for effective communication and documentation, and implemented comprehensive end-to-end and unit testing using Jest and Cypress, ensuring robustness and reliability across the application stack.
- I optimized agent mobile app performance and user experience by leveraging React Native, Redux for state management, and pre-built UI components from NativeBase.

Senior Fullstack Engineer – LogicShift Ltd, London, United Kingdom

Dec. 2021 – Jan. 2024

- I leveraged Angular and Typescript proficiency to develop a dynamic web application for microfinance institutions, enhancing customer engagement and boosting retention rates.
- I architected a configurable frontend utilizing Angular Material, SCSS, and CSS variables, drastically reducing application setup time for subscribing banks while maintaining brand consistency.
- I implemented Angular optimization techniques and PWA concepts to address low internet connectivity, resulting in improved server bandwidth usage and faster initial load times.

- I designed and implemented robust security features, including user activity monitoring and automatic logout for idle users, enhancing application security and mitigating potential threats.

Senior Fullstack Engineer – Scalio, San Francisco, California, United States

Sept. 2022 – Nov. 2022

- Worked with Angular 14, ng-zorro UI library, and ngrx state management.
- Created proofs-of-concept for proposed angular architecture.
- Participated in code reviews and team standups.
- Utilized unit testing and BDD with Cypress and Cucumber.
- Worked with Angular, MongoDB, TypeScript, SCSS, HTML, CSS, Firebase, Git, and other technologies.

Fullstack Engineer – Aitechma HQ, Lagos, Nigeria

Dec. 2020 – July 2022

- I implemented secure Google Cloud functions with Node.js and ExpressJS, mitigating double spending threats and protecting company assets.
- I engineered a scalable web application with Postgres, NestJS, and Angular to efficiently manage the Maritime Association of Nigeria, reducing costs and streamlining operations across 7 chapters.
- I developed REST endpoints to enhance a WordPress blog's capabilities, optimizing resources and expanding functionality without custom CMS development.
- I developed a modular NestJS emailing system utilizing RabbitMQ and Mailgun, facilitating seamless communication between system components and users while enhancing platform efficiency

Senior Fullstack Engineer – Chrissa Solutions, Lagos, Nigeria

Dec. 2020 – Mar. 2022

- I developed a desktop application with Angular and Electron, implementing a customized algorithm to streamline record merging, reducing processing time from weeks to hours.
- I optimized performance by integrating Web Assembly, strategically assigning CPU-intensive tasks to web workers, and eliminating screen freezes during data processing.
- I engineered a robust licensing system using NodeJS and desktop fingerprinting technology, ensuring security against unauthorized usage and license theft.
- I spearheaded the development of a car marketplace backend utilizing NestJS, REST API, and PostGIS, facilitating seamless connections between buyers and nearby vehicles and parts.

Software Developer – NASS Computers, Nasarawa, Nigeria

Jul. 2017 – Aug. 2020

- I developed a library web application utilizing PHP, Laravel, MySQL, jQuery, and Bootstrap, facilitating simultaneous access to scanned reference materials for multiple students, enhancing accessibility, and reducing congestion.
- Implemented and maintained Linux servers for educational institutions, optimizing computational capabilities and bolstering data storage infrastructure to ensure reliable performance and secure data management.
- Led the creation of a scalable platform for student engagement, leveraging React, and GraphQL to streamline communication and collaboration among faculty and students, resulting in improved academic outcomes and enhanced learning experiences.

EDUCATION

Bachelor of Science in Computer Science (First Class Honours) – Federal University of Lafia

Nov. 2017 – Jun. 2023

Awarded: Best Graduating Student (University, Department, Faculty), Vice Chancellor Merit Scholarship, Total/NNPC National Merit Scholarship for Undergraduate.

PROJECTS

PNotes (<https://pinotes.web.app/>)

I developed a cross-device web application for note-taking and idea management using Angular, Angular Material, Firebase, and more.

SMS App (<https://sms-app-8ea41.web.app/>)

Designed and developed a bulk marketing SMS application utilizing Angular, Typescript, Firebase, and Twilio.

BOOKS Store (<https://postsfrontend.web.app/>)

Leveraged NestJS, GraphQL, and React to create and deploy a Fullstack application for managing book titles