

AKINDELE BEULAH OLUWAFEMI

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A multi-faceted software developer with expertise spanning both monolithic and microservices architectures. Proficient in a range of programming languages including Ruby, JavaScript (Node.js), and Python, along with fluency in SQL and NoSQL databases such as MySQL and MongoDB. Well-versed in frameworks like Ruby on Rails, Django, and Express.js. Notably, I have designed and implemented secure transaction management solutions, leveraging PostgreSQL stored procedures and .NET. With a track record also includes pioneering hybrid recommendation engines, utilizing data science techniques to enhance user experiences. A fluid collaborator known for optimizing processes and delivering impactful results.

WORK EXPERIENCES

FEBRUARY 2023 - DATE

SOFTWARE DEVELOPER, GETSTEP LIMITED

- Designed and executed a hybrid recommendation engine that harnessed user interactions and posts to provide personalized post and community recommendations.
- Engineered a microservice-based architecture for the recommendation engine, contributing to system scalability and resource efficiency.
- Leveraged PostgreSQL stored procedures to optimize database interactions specifically within the wallet service microservice.
- Integrated the recommendation engine and wallet features, collaborating with banking NIP infrastructures to streamline customer payment management.
- Devised and implemented wallet functionalities as microservices within the architecture, ensuring modularity and maintainability.

OCTOBER 2021 – FEBRUARY 2023

SOFTWARE DEVELOPER, TBO INTEGRATED SERVICES LIMITED

- Led the complete revamp of the company's website, enhancing the brand's digital presence and user experience.
- Worked on a secure JWT-based authentication system using PassportJS and applied an authorization system, enhancing platform security and data integrity.
- Created a user network for storing user data and generating talent recommendations based on skills, improving efficiency and personalization.
- Formulated and applied a responsive front-end application using Redux and React Router, improving data accessibility and platform efficiency.
- Built a robust project management system and automated key processes, including the Talent as a Service (TaaS) pipeline, calendar scheduling, and email notifications, leading to improved time-to-delivery and user engagement.

APRIL 2021 – OCTOBER 2021

ELECTRICAL AND SOFTWARE ENGINEER (INTERN), RILA INVESTMENT LIMITED

- Engineered a robust front-end application utilizing ReactJS, serving as the public-facing interface and administrative access point, significantly improving the company's online presence.
- Constructed a highly scalable backend API with Django, providing streamlined service management and optimized efficiency across the company's digital infrastructure.
- Constructed a secure administrative module, implementing granular authentication and authorization systems. This ensured appropriate access control based on user roles, including engineering staff, administrative staff, inventory personnel, and superusers.

- Planned and deployed a comprehensive inventory management system integrated into the website. This system tracks material and component transactions, including origin and destination data, and the personnel involved, ensuring real-time accuracy and accountability.
- Created an innovative battery monitoring device for efficient evaluation of battery life cycles. This device is crucial for ensuring the quality of reused batteries, aligning with the commitment to sustainability in the solar energy industry.

EDUCATION

Covenant University	Ota, Ogun
Bachelor of Engineering	August 2022
Electrical and Electronics Engineering	GPA: 4.17/5.00
Leadership: Head Hospitality Unit, Assistant Head Hospitality Unit, Level Representative for the Association of Electrical and Information Engineering Students	

SKILLS

Programming Languages	JavaScript, TypeScript, Python, Java, HTML, CSS, PHP
Frontend Technologies	ReactJS, VueJS, Bootstrap (vanilla and material), Bulma, Tailwind, Next, Nuxt, Chakra UI
Backend Technologies	Express, Spring, Django
Databases	MySQL, PostgreSQL, MongoDB
DevOps Tools	Git, Docker, Heroku, AWS, Firebase

PROJECTS EXPERIENCE

E-commerce Project for Startup MVP

- Led diverse team for cohesive collaboration and development.
- Designed Node.js backend with MySQL integration for efficiency.
- Utilized cPanel and Vercel for deployment and scalability.
- Established documentation and timelines for coordinated efforts.
- Streamlined development, enabling successful production setup.

Recommendation System

- Devised hybrid movie recommendation system using TF-IDF and collaborative filtering.
- Built a system in Jupyter Notebook and deployed a Django API for integration.
- Enhanced speed through the enhancement of operations using SQL infrastructure, resulting in a boosted response time.
- Showcased ability to independently address performance issues and enhance system efficiency.