

# Eniola Oseni

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## Senior Fullstack Engineer

Resilient and innovative software engineer with over 6 years of full-stack development expertise in JavaScript, TypeScript, Spring Boot, Python, MySQL, .NET, C#, microservices architecture, and frameworks such as PEAN (Postgres, Express, Angular, Node.js) and PREN (Postgres, React, Express, NestJS). Proficient in front-end technologies like CSS, SCSS, Bootstrap, and Tailwind. Skilled in architecting, designing, and developing complex software solutions aligned with business and technical needs. Experienced in Agile, Scrum, and Kanban methodologies, with a strong focus on software development best practices such as version control, code reviews, and CI/CD pipelines. Demonstrates exceptional problem-solving and architectural skills, leveraging TDD principles to build scalable, high-performing, and secure systems. A collaborative team leader with excellent communication skills, adept at mentoring junior and mid-level engineers while fostering a culture of knowledge sharing and continuous improvement.

## Skills and Tools Highlight

Extensive experience in frontend and full-stack development, software architecture design reviews, distributed systems, microservices, and TDD principles. Proficient in database management, security best practices, cloud services, and deployment. Strong expertise in communication, collaboration, mentorship, and leadership, with proven skills in documentation, project management, presentation, research, stakeholder management, strategy, Agile methodologies, and performance optimization.

**Technical toolkit** includes Node.js, React, Angular, JavaScript, TypeScript, Spring Boot, NextJS, Redux, Zustand, React Native, CSS, SCSS, Bootstrap, Tailwind, Zod, Formik, Yup, RxJs, Redux, Zustand, Ant Design, RadixUi, NgRx .NET, Python, NestJS, AWS, Azure, MySQL, MongoDB, PostgreSQL, Redis, Docker, and Java. Skilled in building RESTful APIs, WebSockets, and leveraging tools like Linux, Azure OpenAI, LLMs, IBM Watsonx AI, GitHub Actions, GitLab, CI/CD pipelines, Jenkins and version control systems (Git, GitHub, GitLab, Bitbucket). Experienced with collaboration and productivity platforms like Slack, Teams, Trello, and Jira, and development environments such as VS Code, IntelliJ, and Xcode. Expertise extends to Swagger/Postman, Zoom, TCP/IP, Kafka, Redis caching, Kubernetes, automation, and testing frameworks including Jest and Mocha.

## Certifications

**Microsoft Certified: Azure AI Engineer Associate (AE9B42-AEC484)**

Microsoft · 2024

**Microsoft Azure AI Fundamentals (26B6857A738CBF83)**

Microsoft · 2024

**Certified AWS Cloud Practitioner (L0TS1LXJHM111YCY)**

AWS · 2021

## Professional Experience

### Senior Software Engineer

**iCanopii (Canada – Remote)** · Feb 2023– present

*iCanopii is a travel platform revolutionizing booking with proprietary financial technology for seamless travel experience.*

- Spearheaded the development and launch of an MVP travel solution, resulting in a 30% boost in user engagement by delivering a seamless, scalable platform.
- Designed a technical roadmap for strategic feature rollout and engineered an internal payment processor, reducing transaction time by 40% and enhancing payment accuracy.
- Aggregated flights and hotel inventory with leading GDS providers like Amadeus, HotelBeds, enhancing system reliability.
- Built a scalable chatbot feature using React and NestJS capable of providing flight and hotel recommendations based on user prompts using an Azure Open AI services and automated CI/CD pipelines with Jenkins to streamline build, test, and deployment processes.

### Senior Frontend Engineer

**Wakanow (UK - Remote)** · Nov 2020 – Feb 2023

*Wakanow is a leading online travel agency offering seamless flight, hotel, and vacation bookings across Africa and beyond.*

- Spearheaded the design and development of modular features for key platforms (onburd.com, roomde.com, wides.wakanow.com, corporate.wakanow.com) using Angular, HTML, and Javascript/Typescript driving a 70% increase in revenue by resulting in a scalable, high-performance applications.
- Directed the integration of workflows and advanced analytics tools, boosting data insights and improving user retention by 25% across multiple platforms.

## Software Developer

**Accenture (Remote)** · May 2018 - Nov 2020

*Accenture is a global professional services company specializing in digital, cloud, and technology solutions to drive innovation and business transformation.*

- Played a key role in developing microservices for a time and expense management solution using Node.js, implementing REST API endpoints to enhance scalability, communication, and system reliability. Built the Advantage Health Africa web application, including the MyMedicine module, as part of the company's software solution suite.
- Led the containerization of Process Maker & GAPS at GTBank using Docker, and automated the Temporary Overdraft process at First Bank of Nigeria, reducing paperwork and improving performance with Java, JavaScript, JQuery and NEWGEN IBPS

## Consulting Experience

### Senior Backend Engineer

**Delarex (US - Remote)** · Oct 2023 - May 2024

*Delarex Technologies specializes in AI, cybersecurity, and cloud solutions, empowering businesses with innovative technology..*

- Designed and developed high performance RESTful APIs increasing throughput by 25% and reducing latency
- Contributed directly to strategy, planning, and decisions related to the product and the engineering team.
- Designed and optimized relational database schemas for efficient transaction storage and processing. Developed complex SQL queries to support reporting and analytics functionalities.
- Mentored junior engineers and improved team dynamics among team members.
- Documented code, APIs, architectural decisions and cloud infrastructure setup on AWS to facilitate understanding and maintenance.

### Senior Software Engineer

**Zenith Bank (UK – Remote)** · Oct 2022 - June 2023

*Zenith bank is a leading financial institution providing innovative banking solutions and services across retail, corporate, and investment sectors.*

- Played a key role in designing a key business features with, increasing transaction success rates by 20% and improving system efficiency and also proactively resolved bugs thereby improving system performance by 80%.
- Led the integration of secure APIs, and Azure Open AI services for data processing and recommendation systems resulting in a 25% increase in inter-bank transactions and enhancing corporate customer experience.
- Wrote clean, well-structured code that adhered to coding standards and best practices.
- Conducted R&D to upgrade a legacy Java EE JSP banking application to a microservice architecture, analyzing system requirements and drafting technical roadmaps. Evaluated .NET Core versus Spring Boot, and built a C# proof-of-concept for a high-throughput internal API gateway using Entity Framework for data management.
- Collaborated effectively with cross functional team to optimize application improving user satisfaction by 15% while boosting scalability and reliability

### Senior Software Expert

**Union Systems** · Sep 2020- Jun 2021

*Unionsystems is a technology company specializing in software solutions for trade finance, treasury, and financial services, empowering businesses with innovative tools for growth.*

- Played a key role in designing, developing, and deploying Kachasi, Nigeria's first indigenous trade finance software, driving a 30% market share within its first quarter.
- Led the design and development of Isura, a platform for managing and automating compliance processes. Integrated advanced security measures and streamlined workflows, improving operational efficiency by 25% and implemented Jenkins CI/CD for reliable, faster deployment.
- Developed robust frontend applications to enhance trade finance workflows, contributing to a 30% improvement in processing efficiency.

## Education & Training

### Artificial Intelligence

BCIT · 2024

### BSc Computer Science

UNAAB · 2018