

John Olatubosun - Software Engineer

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LINKS

<https://www.linkedin.com/in/john-olatubosun>

<https://github.com/toluolatubosun>

<https://toluolatubosun.com>

<https://medium.com/@toluolatubosun>

PROFILE

John Olatubosun is a seasoned Software Engineer, with 5+ years of building experience. His major strengths are in backend development (Node.js, Express, Nest.js, Django and GraphQL), cloud engineering (Linux, Nginx, Docker, Terraform, Kubernetes, AWS), frontend development (React, Next.js), mobile development (React Native), and AI Engineering (Machine Learning, Vector Databases, LangChain, OpenAI API). He has a proven track record of leading teams and building complex applications. John is passionate about building high-performance, efficient systems with a focus on high availability, and leveraging best practices.

EXPERIENCE

Oct 2023 - Present **Software Engineer I - Left Lane Technologies**

June 2022 - Sep 2023 **Software Engineer Intern - Left Lane Technologies**

- Developed REST and GraphQL APIs using Node.js, enhancing application performance and scalability
- Integrated payment gateways like Stripe and Paystack, improving transaction efficiency and user experience
- Implemented MongoDB and Redis databases for efficient data storage and retrieval, ensuring high availability and performance.
- Integrated a variety of third-party APIs and services to expand application functionality.
- Leveraged AWS services (S3, SES, SNS, Amplify, API Gateway, Elastic Beanstalk, Lambda, CodePipeline) to build and deploy scalable cloud applications.
- Implemented microservice architecture with RabbitMQ for efficient task processing
- Led a 5-member engineering team, delivering high-quality products on time using Agile methodologies
- Major Projects: [Plugtent](#), [CashBlast](#)

Nov 2023 - Present **Backend Engineer - Credit Cliq**

- Utilized various AWS services (SES, S3, Lambda, SAM CLI, Cognito) to build and deploy scalable cloud applications
- Integrated APIs with multiple credit bureaus to retrieve credit history and ensured compliance with security regulations of each credit bureaus
- Implemented Stripe payment services to manage invoices and subscriptions seamlessly
- Developed robust REST APIs in Node.js for mobile apps, web apps, and admin panels, ensuring efficient data communication.
- Implemented an admin panel with Next.js and AWS Cognito , enhancing administrative functionality.
- Worked with Redis and MongoDB for efficient data storage and utilized MongoDB Queues for background job processing
- Implemented and deployed microservice applications with Apache Kafka and AWS lambda, for efficient task processing
- Project: [Credit Cliq](#)

SKILLS

JavaScript / TypeScript Python Node.js Express.js Nest.JS Django GraphQL
Linux Docker AWS SQL/PostgreSQL MongoDB Redis Apache Kafka RabbitMQ
React/Next.js React Native Microservice Architecture MVC/MVVM

EDUCATION & CERTIFICATION

BACHELORS OF SCIENCE, COMPUTER SCIENCE

MOUNTAIN TOP UNIVERSITY | 2019 - 2023

- Graduated with First Class Honors - 3.92/4.00 CGPA
 - Best Graduating Student in the Department of Computer Science and Mathematics
 - Ranked 3rd overall in academic achievement among the graduating class.
 - Vice President of the Computer Science Association
 - Bachelor's Thesis; "Design and Implementation of a Virtual Wallet Application for Facilitating Cross-Border Financial Transactions Using Virtual Tokens"
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NOTEABLE PERSONAL PROJECTS

Jan 2023 - Dec2023 **Gild**

- Developed Gild, a platform for cross-border money transfers using centralized tokens, built with Node.js, GraphQL, Next.js, and MongoDB.
- Integrated Stripe payment service for secure and efficient transactions.
- Showcased the platform during an academic conference, demonstrating its innovative features and capabilities.
- Gild

Sept 2019 - Jun 2023 **MySvote**

- Developed a highly customizable and secure online voting platform, Mysvote, using Node.js, React, TailwindCSS, and MongoDB.
- Implemented robust database transactions to ensure data integrity and security.
- Attracted over 2,000 users and successfully hosted three institutional awards ceremonies.
- Mysvote