



# IGOMIGO FATAI VICTOR

## Software Engineer

### CONTACT ME

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### EDUCATION

**Alx Software Engineering School**  
Software Engineering  
2022 - 2024

**Holberton School**  
Software Engineering  
2022 - 2024

### SKILLS

#### TECHNICAL SKILLS

- JavaScript, Node.js, python, Html, CSS, TypeScript, React, MySQL, MongoDB, Redis, Flask, Express.

#### SOFT SKILLS

- Communication, Collaboration, Determination, Discipline, Problem Solving, Critical Thinking.

### PROFESSIONAL SUMMARY

A highly skilled and results-driven Full Stack Software Engineer with hands-on experience architecting, building, and maintaining large-scale, robust web applications. My core expertise lies in developing clean, modular, and testable code using modern web technologies, with a strong emphasis on backend API development and scalable architectures with node.js. Experienced in working across distributed teams in cross-cultural environments, I excel at building mission-critical services and contributing to global projects that impact high-growth markets. My passion for solving complex problems and delivering robust software solutions drives my approach to every project I engage with.

### CORE COMPETENCIES

- Full Stack JavaScript Development (Node.js, React, Express)
- Backend API Development & RESTful Services (Node.js, Python)
- Document-oriented Databases (MongoDB, CouchDB, Redis)
- Relational databases (MySQL, PostgreSQL)
- Serverless & Event-driven Architectures
- Authentication & Authorization (JWT, Sessions)
- Frontend Technologies (React, HTML, CSS, Bootstrap, TailwindCSS)
- Agile Methodologies (Kanban, Scrum)
- Fintech, Banking, Payment gateways

### PROFESSIONAL EXPERIENCE

#### Full Stack Software Engineer

**Siliconverse | Feb 2023 - Aug 2024**

- Developed and maintained the backend for the community web app, implementing core features such as user authentication, session management, and API endpoints using Node.js and MongoDB.
- Led efforts to implement an offline-first approach, ensuring users in low-connectivity areas could still interact with the platform.
- Facilitated cross-team collaboration by utilizing Agile methodologies, holding daily standups, and using Kanban for task management to ensure timely delivery of features.
- Helped refine codebase structure by applying SOLID principles and design patterns to ensure maintainability.

## Full Stack Software Engineer

**Collaborapay** | May 2024 - Present

Fintech/Banking

- Led the architecture and development of the Fintech company's web platform, focusing on scalability, performance, and user experience.
- Integrated multiple payment gateways including Paystack and Stripe for seamless payment processing, ensuring compliance with security best practices.
- Designed and built a collaborative payment system, enabling users to contribute towards shared financial goals, with real-time tracking of contributions using event-driven architectures.
- Optimized system performance by implementing server-side caching, load balancing, and efficient database queries.
- Collaborated with teams in different time zones (UK & Nigeria) to ensure consistent code quality, performing regular code reviews, and adhering to best practices in clean coding and test coverage.
- Worked with React on the frontend, Node.js and Express on the backend, and MongoDB as the database, ensuring a highly responsive and data-driven user interface.

## Software Engineer, Intern

**ALX Africa** | Nov 2022 - March 2024

- Built a full-featured RESTful API with authentication and session management, servicing multiple frontend applications.
  - Developed high-performance data pipelines for processing large-scale datasets, integrating Redis for caching and MySQL for transactional data management.
  - Spearheaded automation efforts using Python and Bash scripts to streamline operations, reducing manual processes and enhancing team productivity.
  - Designed and implemented distributed systems for load balancing using Nginx across multiple servers, ensuring high availability and fault tolerance.
  - Participated in extensive code reviews, contributing to the improvement of code quality, bug tracking, and feature enhancements.
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## TECHNICAL PROJECTS

### Naija Connect

#### Young Innovative Builders Competition Project

- Created a social microblogging platform using Python, Flask, HTML, CSS, JavaScript, and SQLite.
- Project was recognized nationwide, highlighting innovative solutions for community interaction, content sharing, and offline usability.
- Implemented robust user authentication, content management, and an interactive user interface with dynamic updates.

### TaskPilot

- Built a project management software similar to Trello, focusing on an intuitive user experience and collaboration features.
- Developed the backend using Node.js and Express, implementing core features like board management, list management, user roles, and a real-time activity log.
- Integrated real-time functionality using Socket.IO, allowing users to collaborate on tasks in real time.
- Implemented responsive design using Bootstrap, ensuring seamless usage across devices.
- Utilized MongoDB for efficient storage and retrieval of task data, with features such as task prioritization and user notifications.

## ScheduleNinja

- Designed and implemented an event scheduler server using the Google Calendar API, managing event creation, updates, and real-time notifications.
- Integrated comprehensive OAuth2-based authentication to handle secure user interactions with Google services.

## Echo (Chat App)

- Developed Echo, a real-time chat application using Node.js, Express, and Socket.IO for instant messaging and real-time communication.
  - Implemented user authentication using JWT for secure logins and message encryption.
  - Integrated a database using MongoDB to store message history and user information.
  - Designed a clean and responsive UI using React, HTML5, CSS3, and TailwindCSS to ensure compatibility and responsiveness across multiple devices.
  - Added features such as direct messaging, online indicators, and typing indicators to enhance the user experience.
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## AWARDS AND RECOGNITION

### Young Innovative Builders Competition

- Developed "Naija Connect," a social microblogging platform using Python, Flask, HTML, CSS, JavaScript, and SQLite.
  - Project selected as one of the best nationwide, recognizing innovative problem-solving skills.
  - Demonstrated proficiency in full-stack web development, database management, and user experience design.
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## CERTIFICATIONS

### Full Stack Software Engineer Certification

#### (ALX Software Engineering Program)

- Curriculum: Full Stack Software Engineering
- Issued: March 2024
- Verification: <https://intranet.alxswe.com/certificates/Nsn36XrFJc>