

Timilehin Ogunnowo

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PROFESSIONAL SUMMARY

Timilehin is a full-stack developer passionate about designing and deploying scalable, high-performance web applications. His experience spans React, Next.js, Typescript, Django, Prisma, PostgreSQL, MySql, amongst others where he has delivered measurable results, from reducing operational costs to improving workflows and user satisfaction. He thrives in both corporate and startup settings, bridging frontend and backend to create production-ready solutions that deliver real impact.

PROFESSIONAL EXPERIENCE

Studio Doresh

Backend Developer

Remote

Oct 2025 - Present

- Engineered a production-ready backend for the Spendprofile financial intelligence platform using Python, FastAPI, and PostgreSQL, ensuring reliable data processing and consistent system performance.
- Implemented secure authentication, structured REST APIs, and asynchronous background jobs with Redis and Celery, enabling fast and efficient handling of uploaded bank statements.
- Integrated a scalable file-processing pipeline using Cloudflare R2 and custom validators, boosting processing speed and improving insight accuracy.
- Developed a resilient statement-analysis workflow powered by Celery and Redis queues, ensuring smooth background processing and preventing system slowdowns during peak uploads.

Leadway Pensure PFA

Lagos, Nigeria

Software Developer Intern

Jun 2024 - Oct 2024

- Enhanced and maintained web applications using React.js and C#, improving UI responsiveness and backend efficiency.
- Upgraded C# applications to the latest version, integrating Swagger UI for superior API documentation and testing.
- Led the development of a statement generation system leveraging SOAP APIs, streamlining backend communication.
- Transformed the Pensure Kiosk App's UI/UX using React.js, resulting in improved functionality and user satisfaction.

UC HUB

Lagos, Nigeria

Software Developer

May 2023 – Jan 2024

- Built and scaled an EdTech platform connecting students with peer tutors for affordable, personalized academic sessions.
- Designed and developed full-stack features enabling tutor-student matching, secure authentication, and payment readiness.
- Ensured platform scalability, accessibility, and performance for a growing user base.

LASOP

Lagos, Nigeria

Volunteer Programming Instructor

Mar 2022 - Aug 2022

- Guided trainee developers in coding, debugging, and algorithm design through practical examples.
- Simplified complex programming concepts, enhancing trainees' problem-solving skills and coding confidence.

SELECTED PROJECTS

MEDICHECK

Lagos, Nigeria

Developer

- Developed an AI-driven drug verification and tracking system designed to combat counterfeit and expired medications.
- Built with Next.js, TypeScript, and Hedera Consensus Service for blockchain integration.
- Implemented real-time verification, AI-based validation, and multilingual support to enhance accessibility and trust in drug authentication across healthcare systems and supply chain Nigeria.

LASU HOSTEL COMPLAINT MANAGEMENT SYSTEM

Lagos, Nigeria

Developer

- Developed with Next.js, TypeScript, PostgreSQL + Prisma ORM, Tailwind CSS, and shadcn/ui.
- Reduced lodging issue reporting time by 40% through secure role-based access control and status tracking at Lagos State University.
- Improved mobile responsiveness, leading to a 50% increase in complaint submissions via mobile devices.

CHATIFY

Lagos, Nigeria

Developer

- Developed CHATIFY to resolve licensing issues, improve internal communication, and reduce operational costs.
- Built with React.js, Firebase (backend & authentication), and React Router Dom.
- Enabled real-time messaging, image sharing, and secure login to replace third-party chat tools, saving the company \$5000/year in licensing fees.

EDUCATION

Lagos State University

Nigeria

BSc. Computer Science 4.28/5.0

Graduation Date: Sep 2025

Lagos School of Programming

Ikeja, Nigeria

Certified Web Developer

Shesfun Comprehensive School

Lagos, Nigeria

School Valedictorian

LEADERSHIP EXPERIENCE

Google Developers Student Club

Nigeria

Member

Jan 2023 –Sep 2025

- Recruited and onboarded 40+ new members, increasing participation in campus tech events by 75%.
- Organized educational events to promote innovation and collaboration in the university tech community.

CORE SKILLS

Skills: Languages: JavaScript, TypeScript, Python, C#, HTML5, CSS3

Frontend: React.js, Next.js, Vue.js, Bootstrap, Tailwind CSS, Shadcn UI, jQuery, Ajax

Backend: Node.js, Express, Django, Django Rest Framework, .NET Framework, Prisma ORM

Databases: PostgreSQL, MySQL, MongoDB, Firebase Realtime DB

APIs: RESTful APIs, SOAP APIs, FastAPIs

Tools: Git/Github, GitLab, Postman, Office365, Swagger UI

Soft Skills: Problem-Solving, Communication, Team Leadership, Critical Thinking, Collaboration