

# LAWAL OLATUNJI TREASURE

Software Engineer | Full-Stack Developer

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Portfolio: olatunjilawal.vercel.app

## ► PROFESSIONAL SUMMARY

Results-driven Software Engineer with experience building scalable web applications, SaaS platforms, e-commerce systems, and administrative dashboards using modern JavaScript and TypeScript technologies. Experienced in designing backend architectures, building REST APIs, implementing authentication systems, creating responsive user interfaces, and developing database solutions with MongoDB and Mongoose. Strong understanding of software engineering principles including system design, application architecture, data modeling, and performance optimization, with growing expertise in Data Structures, Algorithms, and C++. Passionate about building maintainable, scalable, production-ready software solutions.

## ► TECHNICAL SKILLS

<b>Languages</b>	TypeScript, JavaScript, C++, HTML, CSS
<b>Frontend</b>	React, Next.js, Tailwind CSS, Responsive Design, Component Architecture
<b>Backend</b>	Node.js, Next.js API Routes, REST APIs, Authentication, Authorization
<b>Database</b>	MongoDB, Mongoose, Database Design, Data Modeling
<b>Software Engineering</b>	System Design, API Architecture, SDLC, OOP, Performance Optimization
<b>Tools</b>	Git, GitHub, Postman, Cloudinary, VS Code

## ► PROJECT EXPERIENCE

### SHOP.CO — Full-Stack E-Commerce Platform

Next.js • TypeScript • MongoDB • Mongoose • Tailwind CSS

- Architected and built a scalable e-commerce platform supporting end-to-end product management and catalog operations.
- Designed shopping cart architecture and core purchasing workflows, improving checkout reliability and usability.
- Engineered authentication and authorization systems, and optimized product retrieval queries to reduce database load.

### THE LOST AND FOUND — SaaS Application

Next.js • TypeScript • MongoDB • Tailwind CSS

- Developed a full SaaS platform enabling users to report and discover lost items, end-to-end from concept to deployment.
- Built user and item management systems supporting multi-user workflows and data integrity.
- Implemented search and filtering capabilities to improve item discoverability and reduce user search time.

### REHOBOTH COMMONWEALTH — Cooperative & Savings Management Platform

Next.js • TypeScript • MongoDB

- Developed a digital platform to manage cooperative membership and savings operations.
- Built dashboard experiences giving members clear visibility into savings and contributions.
- Implemented secure account management to protect sensitive financial and personal data.

### SCHOOL DASHBOARD SYSTEM — Administrative Dashboard

Next.js • TypeScript • MongoDB

- Built administrative dashboard functionality with role-based access control and authentication workflows.
- Created analytics and reporting components to surface key operational insights to administrators.

## ► EDUCATION

### Bachelor's Degree — Covenant University

Exp. Graduation: Aug 2030

Relevant Coursework: Data Structures, Algorithms, Software Engineering, Database Systems, Computer Programming, System Design

Continuous Learning: Advanced C++, Data Structures & Algorithms, System Design, Software Architecture

Interests: Software Engineering, System Design, SaaS Development | Languages: English