

# MARY SALAU

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<https://github.com/Oseun12?tab=repositories>

<https://mary-salau.vercel.app>

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## EXPERIENCE

### Incubator Hub

Lagos, Nigeria

Web Developer Intern

August 2024 – Present

- Developed web pages using HTML, CSS and JavaScript.
- Ensuring websites are mobile-friendly and responsive to screen sizes.
- Implementing user interface designs and improving user experience.
- Working with Databases such as MongoDB, PostgreSQL, and Prisma.
- Developing APIs to connect frontend and backend systems.
- Writing code in Node.js and Nest.js for server-side logic.
- Using GitHub and Git for code versioning and collaboration.
- Identifying and fixing issues in the codebase.
- Learning about the deployment process using Vercel.

### Prodigy Info Tech

Mumbai, India

Full-Stack Web Developer Intern

July 2024 – August 2024

- Developed a Real-Time Chat Application using WebSocket technology to enable instant messaging between users.
- Developed an E-commerce for a local store, enabling customers to browse and purchase products online.
- Implemented a user authentication system with secure login and registration functionality.
- Developed a web application that allows administrators to perform CRUD operations on employee records.
- Creating case studies or blog posts about learning experiences and project contributions.

## **Zartex Technologies**

Kwara, Nigeria

### **IT Support (Hardware)**

May 2021 – January 2023

- Termination of cables.
- Fiberoptics.
- Maintenance of cables.
- Installation of CCTV camera.
- Troubleshooting.

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## **PROJECTS**

### **Employee-Dashboard | NextJs**

August 2024

- Developed an employee dashboard using Next.js and Tailwind CSS to showcase employee profile.
- Implemented a responsive UI design, ensuring optimal user experience across devices.
- Optimized the site for performance, achieving fast load times and smooth navigation.
- Utilized Git for version control, managing code efficiently and collaboration.
- Deployed the website on Vercel, ensuring reliable hosting and easy updates.
- Implemented MongoDB as database for storing employee's data.

### **To-do Application | NextJs**

August 2024

- Developed a user authentication API using Next.js and Prisma.
- Implemented secure password handling with bcrypt for hashing and comparing passwords.
- Utilized jsonwebtoken for generating and verifying JWT tokens for user sessions.
- Designed RESTful API endpoints to handle user registration and login.
- Ensured proper error handling and validation to enhance security and user experience.
- Deployed the project successfully on Vercel, ensuring scalability and performance.

### **Fashion Brand Landing Page | HTML | CSS**

July 2024

- Gathered and documented client requirements through meetings and consultations.
- Designed and developed a responsive landing page tailored to the brand's identity.
- Implemented key features including hero section, navigation menu, featured products, and customer testimonials.
- Utilized HTML5, CSS3, and JavaScript for development.

## Mini Banking Application | Node.js

May 2024

- Developed a backend banking application using Node.js, TypeScript, and PostgreSQL to simulate core banking functionalities including user management, account management, and transaction processing.
- Implemented secure user authentication using JWT and BcryptJs, ensuring that only authorized users can access protected features and manage their profiles.
- Designed and managed PostgreSQL database to store and retrieve user and account data, ensuring data integrity and efficient query performance.
- Built RESTful APIs with Express.js to handle requests, perform CRUD operations on user accounts, and manage transactions such as deposits, withdrawals, and fund transfers.
- Integrated audit trail functionality to log all user activities, providing a comprehensive audit management system for tracking actions within the application.
- Utilized Nodemailer for email notifications, sending alerts to users regarding account registration, and transactions.

## Shopping Application | JavaScript

February 2024

- Implemented secure user registration, login, and session management with bcrypt for password hashing and CSRF protection.
- Implemented Image uploads (PNG, JPG, JPEG) with secure server storage and file type validation.
- Admin interface for product management with access control to restrict functionalities to authorized users.
- Implemented product listings, detailed views, shopping cart management, and order processing for authenticated users.
- Utilized middleware like Helmet, Morgan, and compression for enhanced security, logging, and performance.
- Utilized custom 404 and 500 error pages with centralized error handling middleware.

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## SKILLS

**Languages:** JavaScript, TypeScript.

**Frameworks:** NextJs, Nest.js, Express.js, GraphQL.

**Tools:** Prisma, Tailwind CSS.

**Platforms:** Node.js, PostgreSQL, MongoDB.

**Soft Skills:** Problem-solving, Attention to detail, Team collaboration, Time management, Adaptability, Excellent communication.

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## CERTIFICATES

**Full stack development** (ProdigyInfoTech)

August 2024

- Developed a comprehensive understanding of the data life cycle and website development.
- Improved knowledge on bug fixes, and general maintenance of existing websites.
- Developed understanding on using testing frameworks to ensure code quality

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## EDUCATION

**University of Ilorin**

Kwara, Nigeria

Bachelor of Aquaculture and Fisheries (First Class Honors) – GPA: 4.53

*September 2016 – December 2022*