

MARY SALAU

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

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

EXPERIENCE

Walk-In-Tech

Kwara, Nigeria

Software Developer

September 2024 – Present

- Establish clear client retention goals
- Assist customers with setting up and navigating programs or software
- Researching, designing, managing software programs
- Testing and evaluating new programs
- Modifying software to fix error, improve its performance
- Deploying software tools, processes and metrics
- Directing software programming and documentation development
- Writing and implementing code
- Preparing reports on programming project specifications, activities, or status
- Consulting with engineering staff to evaluate software-hardware interfaces
- Develop specifications and performance requirements.

Incubator Hub

Lagos, Nigeria

Web Developer Intern

August 2024 – Sept 2024

- 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.

Redeemer's University | Graduate Intern(NYSC)

Osun, Nigeria

(Admissions Office, Deputy Vice- Chancellors Office)

Jan 2023 – Dec 2023

- Performs general clerical works such as typesetting, photocopying and filing of documents.
- Receives and dispatch daily mails.
- Provides reception desk duties.
- Provides quality administrative, clerical, and secretarial support.
- Complete assignments and projects designated by superiors.

Zartex Technologies

Kwara, Nigeria

IT Support (Hardware)

May 2021 – January 2023

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

PROJECTS

Expense Management System | NextJs

September 2024

- Developed an Expense Management System to help users track and manage their personal or business expenses.
- Implemented user authentication with secure login, registration, and session management.
- Created dynamic budget management features, allowing users to add, view, and edit budgets and associated expenses.
- Enabled expense tracking and categorization, helping users monitor spending habits and identify areas of financial improvement.
- Designed a user-friendly interface with responsive layouts for smooth navigation on different screen sizes.
- Integrated data visualization with charts and tables to provide users with insights into their spending patterns.

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.

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.

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

EDUCATION

University of Ilorin

Kwara, Nigeria

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

September 2016 – December 2022