

Solomon Mudiaga Fidelis

Full-Stack Software Engineer | PSM I

[LinkedIn](#) • [GitHub Portfolio](#)

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Professional Summary

Full stack software developer with practical experience delivering real-world applications across academic, commercial, and independent projects. My progression reflects a shift from learning how to build software to building it well, with emphasis on structure, correctness, and maintainability. I have contributed across the full software development lifecycle, designing and evolving production-ready systems with clear business logic and reliable data handling. I approach complex problems analytically, applying appropriate algorithms and data structures while weighing performance and architectural trade-offs. I am seeking to add value within a collaborative engineering team, delivering dependable solutions while continuing to expand my technical ownership and impact.

Skills

Core Backend Development: Node.js, Express.js, Laravel, RESTful APIs, GraphQL, WebSockets (Socket.IO), authentication & validation logic

Programming Languages: JavaScript (ES6+), TypeScript, PHP, Java

Frontend Development: React.js, Vue.js, responsive UI design, state management, jQuery

Data & Persistence: MySQL (relational modelling, indexing, query optimisation), MongoDB (schema design, document modelling)

Delivery & DevOps: Git, GitHub (PR workflows), GitHub Projects (Kanban), Azure DevOps (CI/CD pipelines)

Engineering Practices: MVC architecture, Test-Driven Development, asynchronous programming

Agile & Collaboration: Scrum (PSM I), sprint facilitation, backlog management

Selected Projects

Auction Platform (Bidwars 2.0) | React.js, Node.js, TypeScript, MongoDB – [Source Code](#)

- Redeveloping a real-time auction platform with RESTful APIs and WebSocket-based bid updates to ensure low-latency synchronization across users.
- Structuring backend services using TypeScript for improved type safety and maintainability.
- Designing data models in MongoDB to handle bidding history, user authentication, and auction lifecycle logic.
- Applying iterative delivery using GitHub Projects (Kanban), tracking requirements and managing development flow.
- Refactoring legacy modules to improve modular cohesion and reduce coupling between services.
- Implemented token-based authentication and authorization to enforce role-based access control and request validation.

B2B E-commerce Platform (MSc Dissertation) | Node.js, React.js, Express, MongoDB, Azure DevOps – [Source Code](#)

- Developed a modular full-stack system supporting product catalogs, authentication, order management, and secure payment processing.
- Implemented Stripe payment integration and checkout workflows with validation and error handling.
- Designed CI/CD pipelines using Azure DevOps to automate testing and deployment.
- Balanced architectural clarity with practical business requirements in a production-simulated environment.
- Applied MVC and GRASP principles to evaluate and improve software maintainability, demonstrating measurable reductions in coupling and improved modularity.

Fashion E-commerce Store | Laravel, Alpine.js, Bootstrap, MySQL - [Source Code](#)

- Built a full-stack eCommerce solution with shopping cart, order tracking, and Paystack payment integration.
- Designed relational database schemas to ensure transactional integrity and consistent order processing, optimised database queries
- Applied Laravel's MVC architecture to enforce separation of concerns and maintainable code structure.

Education

MSc. Software Development – Coventry University, England (Sep 2023 – Sep 2024)

BSc. Systems Engineering – University of Lagos, Nigeria (Sep 2014 – Oct 2019)

Certifications & Courses:

- Professional Scrum Master I (PSM I) – [Scrum.org](#)
- React Basics – [Meta](#)
- Learn Typescript – [Scrimba](#)
- Node.js: The Complete Guide – [Academind](#)
- PHP: Object-Oriented Programming – [LinkedIn Learning](#)
- Git from Scratch – [LinkedIn Learning](#)
- Introduction to MongoDB – [MongoDB](#)
- Laravel 8 from Scratch – [Laracasts](#)
- Oracle Certified Java Professional – [H2T PLC](#)

Relevant Experience

Software Engineering Intern – Greentree Capital Group LLC

CA, United States | Jun 2024 – Aug 2024

- Designed and implemented responsive React-based interfaces, improving cross-device consistency, and front-end performance.
- Built and integrated RESTful APIs using Microsoft Lists and Power Automate (Flows) to ensure reliable business data persistence and workflow automation.
- Collaborated with backend and product stakeholders to align data contracts, reduce integration friction, and improve overall system data flow.

- Contributed to structured debugging and validation processes to ensure correctness and maintainability in delivered features.

Software Developer – Cobary Inc

Lagos, Nigeria | **Oct 2022 – Sep 2023**

- Developed and maintained Laravel-based applications and APIs for eCommerce platforms, emphasizing modular architecture and clear business logic.
- Refactored legacy codebases to improve maintainability and enforce consistent coding standards, reducing technical debt and improving development efficiency by 25%.
- Designed database relationships and optimized MySQL queries to support scalable transaction processing.
- Worked closely with designers and product owners to translate business requirements into robust technical solutions, balance performance, and long-term maintainability.

Freelance Web Developer – Fiverr Inc

Lagos, Nigeria | **Jun 2021 – Apr 2022**

- Delivered full-stack web solutions using PHP, JavaScript, Bootstrap, and MySQL for small business clients.
- Managed projects end-to-end: requirements gathering, system design, implementation, testing, and deployment.
- Applied clean code principles and structured debugging to ensure reliable, maintainable client deliverables.
- Conducted performance tuning and SEO optimisation to improve usability and site responsiveness.

Back-End Developer – Oya Nigeria

Lagos, Nigeria | **Apr 2020 – Mar 2021**

- Designed and deployed RESTful APIs handling order management, authentication, and secure data exchange.
- Integrated secure payment systems while maintaining data integrity and transactional reliability.
- Optimised MySQL queries and indexing strategies to improve API response times and system stability.
- Collaborated with front-end engineers to ensure seamless API consumption and consistent user experience.

Software Developer – Hustle in Lagos

Lagos, Nigeria | **Aug 2019 – Nov 2019**

- Developed PHP-based web applications using AJAX and MySQL, applying structured MVC patterns.
- Improved system responsiveness through database optimisation and systematic debugging.

- Contributed to iterative delivery cycles aligned with Agile practices.

Software Development Intern – HIIT PLC

Lagos, Nigeria | **May 2017 – Oct 2017**

- Developed web and desktop applications using C#, Java, ASP.NET MVC, JavaFX, and MS SQL Server.
- Participated in the full software development lifecycle, from requirement analysis through testing and deployment.
- Strengthened foundational principles in OOP, structured design, and maintainable coding practices.

Other Experience

Security Officer – Semper Security UK Ltd

Dec 2024 – Present | **Coventry, England**

- Maintain operational vigilance, structured reporting, and calm decision-making in high-pressure environments requiring accountability and procedural compliance.

Support Worker – We Care More Ltd

Oct 2023 – Present | **Coventry, England**

- Deliver person-centered support within regulated settings, demonstrating reliability, clear communication, and disciplined documentation practices.

Additional Information

Interests: Boxing, Running, Reading, Cycling, Technology advancements

Languages: English (Fluent), Spanish (Intermediate)

References

Available upon request