

Zubair Idris Aweda

Full-Stack Software Engineer & Computer Science Undergraduate

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SUMMARY

Mid-Senior Engineer & CS Finalist with 3+ years shipping scalable FinTech solutions and maintaining 99.9% system uptime. Expert in architecting robust microservices, optimizing complex databases, and driving developer efficiency using PHP, Laravel, and TypeScript. Committed to delivering enterprise-grade software through rigorous testing, CI/CD, and cloud-native best practices

TECHNICAL SKILLS

- Languages: PHP, JavaScript (ES6+), TypeScript, SQL, HTML5, CSS3.
- Frameworks & Libraries: Laravel, Node.js, React.js, Vue.js, Express.js.
- Databases: MySQL (Relational), MongoDB (NoSQL).
- Tools & DevOps: Docker, Git/GitHub, CI/CD Pipelines, Mailgun.
- API Integrations: Stripe (Payments), Twilio (SMS/Voice), Firebase, RESTful APIs.
- Methodologies: Agile, Scrum, SDLC, TDD (Test Driven Development), OOP, MVC Architecture.

EXPERIENCE

Stax Payments | Remote, Mid-Senior Full-Stack Engineer (PHP) | June 2022 – October 2023

- Architected scalable backend microservices using PHP and Laravel, supporting high-volume transaction processing while ensuring 99.9% service uptime.
- Reduced developer onboarding time by ~40% by authoring comprehensive internal and public-facing API documentation, serving as the "single source of truth" for the engineering team.
- Optimized database performance by adapting complex data models, ensuring seamless integration of new features without downtime or data integrity loss during migration.
- Enhanced software quality assurance (QA) by enforcing rigorous unit testing and peer code review workflows, resulting in a significant reduction in critical bugs reaching production.
- Collaborated with UX/UI designers to translate wireframes into pixel-perfect, accessible interfaces, ensuring strict adherence to WCAG accessibility standards.
- *Environment:* PHP, Laravel, MySQL, REST APIs, Microservices.

AYU Digital Ltd. | Remote Software Engineer (Contract) | January 2022 – May 2022

- Engineered an omnichannel notification engine integrating Mailgun, Firebase, and Twilio, automating thousands of daily user communications (Email, SMS, Push).
- Secured user identity management by implementing robust authentication flows and mobile number verification using Twilio APIs, reducing fraudulent sign-ups.
- Accelerated administrative reporting by designing a custom data export algorithm that aggregated relational data into CSV/JSON formats 10x faster than the previous manual method.
- Developed a bulk data import system allowing administrators to parse and validate large CSV datasets, significantly reducing manual data entry overhead.
- Implemented secure payment gateways via Stripe, ensuring PCI-compliant transaction processing for the platform.
- *Environment:* PHP, Third-Party APIs (Stripe, Twilio), Firebase, JSON, CSV processing.

Humongous.io | Remote Software Engineer (Contract) | March 2021 – June 2021

- Reduced technical debt by refactoring legacy codebases and implementing TypeScript, enhancing type safety and maintainability across the full stack.
- Established automated testing protocols (Unit & Integration), catching regressions early in the lifecycle and ensuring a stable environment for launch.
- *Environment:* TypeScript, JavaScript, Unit Testing, CI/CD, Refactoring.

CitonHub | Remote Junior Backend Engineer (Contract) | November 2020 – January 2021

- Collaborated with senior architects to modernize core application logic using Laravel and Vue.js, ensuring continuity for legacy users during major platform updates.
- *Environment:* Laravel, Vue.js, PHP, Legacy Systems.

EDUCATION

BSc (Hons) Computer Science University of Wolverhampton | *Expected Graduation: July 2026*

CERTIFICATIONS

JavaScript Algorithms and Data Structures, freeCodeCamp