

IDAH JOHN ACHUR

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Results-driven Full-Stack Software Developer & Technical Lead with over 4 years of experience building and deploying scalable, human-centered web applications. Expert in the Laravel ecosystem (Livewire, Eloquent, Queues) and modern frontend frameworks including React and Vue.js. Proven track record of leading Agile teams to boost productivity by up to 35% through mentorship, rigorous code reviews, and streamlined CI/CD workflows.

I blend a deep technical mastery of PHP, MySQL, and TypeScript with a strategic focus on AI/LLM integrations and robust microservices architecture. Passionate about solving complex real-world problems through clean code, empathetic design, and efficient sprint management, I excel at translating high-level business requirements into high-performance SaaS solutions.

EXPERIENCES

Jan 2024 – Present | Robota STEM Organization

Software Engineer & Instructor

- Led development of IoT-based mobile applications using React Native, integrating with ESP32 and HC-05 microcontrollers for real-time device monitoring and smart automation systems.
- Engineered Bluetooth and WiFi communication architectures enabling fuel-level tracking, generator remote control, and smart office/home appliance automation with low-latency device synchronization.
- Designed and integrated RESTful APIs and backend services to support device data processing, user management, and operational analytics.
- Collaborated with hardware engineers and product teams to translate embedded system requirements into scalable mobile and backend solutions.
- Mentored students and junior developers in IoT architecture, mobile development, API integration, and best engineering practices, combining hands-on hardware interfacing with software design principles.
- Implemented security best practices for device communication and optimized system performance for reliability and resilience in real-world IoT deployments.

Jan 2024 – Jun 2024 (Contract) | Deovaze Software Solutions

Fullstack Developer

- Architected microservices and responsive UIs with Vue.js, React.js, TypeScript, integrated via REST APIs with Laravel backends—reducing duplication by 30% through modular/MVC design.
- Ensured quality via unit testing (PHPUnit), QA, bug resolution, and decoupled code in AGILE/SDLC processes.
- Contributed to database architecture (MySQL) and AI-enhanced automations, drawing on data science skills.
- Collaborated with product, design, and compliance teams to translate user needs into detailed technical architecture, plans, and documentation in AGILE sprints.

2022 – 2023 | IT Horizons, Lagos, Nigeria

Software Engineer

- Led a team of developers in full-stack enterprise solutions (manufacturing ERP, HR, workflows, multi-tenant platforms) using React.js, Vue.js, Laravel/PHP, MySQL/PostgreSQL.
- Provided technical direction, mentored engineers via 1:1s, pairing, code reviews, and standards enforcement (Git workflows, testing, CI/CD), improving team productivity by 35%.
- Translated business requirements into scalable APIs, third-party integrations, and performance-focused architectures for large-scale operations.
- Streamlined logistics, inventory, accounting, and approval processes with relational databases and cloud elements—enhancing traceability and efficiency in operational workflows.

2021-2023 | Tedella Software Solutions, Lagos, Nigeria

Software Engineer

- Developed full-stack applications (micro-insurance, budget tools) with Vue.js frontend, PHP/Laravel backend, emphasizing UX, efficient database design (MySQL/MongoDB), and REST APIs.
- Drove AGILE improvements, delivering projects 15% ahead of schedule through requirements gathering, CI/CD pipelines (Git/PHPUnit), and documentation.

TECHNICAL SKILLS

- Frontend: React.js, React Native, Vue.js (Vue 3, Composition API), TypeScript, JavaScript (ES6+), Material UI, Tailwind CSS, Nativewind, Next.js, Bootstrap.
- Backend: Node.js (familiar), PHP/Laravel, Python, RESTful APIs, Microservices
- Databases & Tools: MySQL, MongoDB, Redis, firebase; Git/GitHub, CI/CD (Docker), PHPUnit, AGILE/Scrum, Android Studio, Cpanel
- Other: AI/LLM Integration (Prompt Engineering, GPT APIs), IOT Integration, Cloud (AWS familiarity, transferable to Azure/AWS), Observability concepts

PROJECTS

- KettleSub (VTU) – Frontend & API Integration: Designed and implemented responsive frontend architecture with seamless API integrations, ensuring efficient data flow, optimized UI performance, and improved user experience across academic workflow systems.
- Smart Gen App (IoT Fuel Monitoring System): Developed React Native IoT application integrated with ESP32 microcontroller for real-time fuel level monitoring and remote generator on/off control, enhancing operational efficiency and reducing manual supervision.
- Super Records (Business Management System – Restaurant ERP): Engineered fullstack business management platform for tracking expenses, income, stock levels, and profit analytics, improving financial transparency, inventory control, and decision-making processes.
- Smart Office/Home App (IoT Automation System): Built React Native mobile application utilizing Bluetooth (HC-05) integration to control appliances in office and home environments, enabling reliable low-latency smart automation solutions.
- FinTech Platform (CashPoint): Contributed to fullstack mobile financial platform development (React Native, REST APIs, AI-driven insights) within AGILE methodology, emphasizing security, performance optimization, scalable architecture, and cross-team technical leadership.
- Lead360 Blog Platform & Admin CMS: Developed content-driven web platform with custom admin dashboard CMS, enabling dynamic content management, role-based access control, and scalable publishing workflows.
- Silverpacific Homes Website & Admin CMS: Built corporate real estate web platform with integrated admin dashboard for property management, content updates, and digital brand positioning.

EDUCATION

- NOUN , Lagos Nigeria. || Bsc. In Computer Science
2024 – Present (Ongoing)
- Frontend Development Specialization || Scrimba through Coursera || Completed in 2024
[Certificate Link](#)
Certification Issuer: Coursera
- Mastering Laravel Framework and PHP || Board Infinity through Coursera || Completed in 2024
[Certificate Link](#)
Certification Issuer: Coursera
- Eti-osa Community Senior High School , Lagos. || SSCE
2014 – 2020.
- Abraham Lincoln Schools Ibogun Egbeda, Ogun Nigeria || FSLC
2008 – 2014