



ABBAKAR DIGITAL

Abubakar M. Hassan

End-to-End SaaS Product Developer / Full-Stack Web and Mobile App Developer / CTO / AI Researcher / DevOps Engineer

I help startups turn serious ideas into reliable web, mobile, and SaaS products from idea to launch and scale.

I combine product thinking, UI/UX, frontend, mobile development, backend, databases, DevOps, hosting, offline-first architecture, business operations, and product life cycle management into one dedicated role. My work helps founders reduce technical stress, avoid waste, launch faster, and build software that is simple, useful, scalable, and ready for real users.

FOCUS
Web + Mobile SaaS

STRENGTH
Offline-first Products

★ For founders who have lost time, money, or confidence with weak execution, I bring one disciplined product partner who understands the business, the users, the design, the code, the server, and the long-term growth of the product.

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01
One Dedicated Product Partner
I support the full product journey in one role: product thinking, UI/UX, web and mobile frontend, backend, database planning, deployment, hosting, and continuous improvement.

02
Lower Development Cost
Early-stage founders can avoid coordinating many disconnected specialists and work with one person who understands the complete system.

03
Faster Product Launch
I help move ideas into MVPs and MVPs into real products that customers can use, test, and trust.

04
Software Built to Last
I focus on clean structure, speed, offline access, simple user experience, backend logic, and long-term scalability.

05
Business-First Thinking
I think beyond code: the business process, users, workflow, data, operations, business setup, and how the software creates value every day.

Featured Product Experience

TrillionsERP

TrillionsERP.com

Offline-First SaaS Business Management Software

TrillionsERP is a complete offline-first SaaS business management platform designed to help businesses manage daily operations with more control, structure, and visibility.

Oil and gas Hotels Restaurants Retail Wholesale Academies

- ✓ Offline-first system planning
- ✓ Product architecture
- ✓ Backend and frontend development
- ✓ Business module development
- ✓ User workflow planning
- ✓ Database planning
- ✓ Performance improvement
- ✓ Scalable system development
- ✓ End-to-end product life cycle management

Core Areas of Expertise

PLC

End-to-End Product Life Cycle

Concept, planning, UX, frontend, backend, database, deployment, launch, server management, and post-launch improvement.

SaaS

SaaS Product Development

User roles, dashboards, business modules, authentication, APIs, access control, subscriptions, deployment, and scalability.

OFF

Offline-First Software

Business software that continues working when internet access is unstable, with local data storage and synchronization planning.

FS

Full-Stack Engineering

Frontend interfaces, cross-platform mobile apps, backend systems, APIs, databases, business logic, and production deployments.

UX

UI/UX Product Design

Clean, modern, usable interfaces with strong attention to spacing, clarity, usability, and the feeling users get inside a product.

AI

AI Research and Modern Technology

Continuous study of AI, automation, research and development, and modern methods for smarter product planning and optimization.

OPS

Business and Operations Consulting

Support for restaurants, retail, wholesale, pharmacies, production businesses, and founders who need clearer operations, digital structure, and practical business setup.

CO

Community Coaching and Knowledge Sharing

Helping young people and early builders learn business, technology, product thinking, and practical digital skills for real-life opportunities.

CLEAR WEB, MOBILE, BACKEND, DEVOPS, PRODUCT, AND AI CAPABILITY Technical Skills

Frontend and Mobile

- Re React.js
- Vue Vue.js
- Nx Next.js
- Nu Nuxt.js
- Fl Flutter
- Da Dart
- PWA Progressive Web Apps
- Re React Native
- Fl Cross-platform mobile apps
- Re Full-stack mobile app development
- CSS Responsive applications
- UI Dashboard interfaces

Backend

- Lv Laravel
- Ns NestJS
- Fb Firebase
- Py Python
- RE REST APIs
- AU Authentication
- SA SaaS backend systems
- BA Backend optimization

Databases

- My MySQL
- Pg PostgreSQL
- Fb Firebase
- Sb Supabase
- DA Database design
- DA Data structure planning
- SC Scalable architecture

DevOps and Hosting

- VP VPS setup
- DE Dedicated servers
- cP cPanel
- Cf Cloud hosting
- Ve Production deployment
- Cf Domain setup
- SE Server maintenance

Product and SaaS

- SA SaaS development
- MV MVP development
- OF Offline-first systems
- PR Product architecture
- SY System analysis
- BU Business process automation
- OP Operations structure
- BU Business setup consulting

Design and CMS

- UI UI/UX design
- Fi Figma
- CA Canva
- DE Design thinking
- Wp WordPress
- El Elementor
- Wf Webflow
- Woo E-commerce websites

Integrations and AI

- GM Google Maps
- Mx Mapbox
- TH Third-party APIs
- LO Location features
- AI AI research
- AU Automation
- RE Research and development
- PR Product optimization

LEADERSHIP, PRODUCT OWNERSHIP, OPERATIONS, AND CLIENT DELIVERY

Professional Experience

Chief Technology Officer

2026 - Present

Trillions Consulting Ltd

Product: TrillionsERP / Website: TrillionsERP.com

- Help lead the technical development of TrillionsERP, a complete offline-first SaaS business management software.
- Contribute to product architecture, backend logic, frontend interfaces, business modules, and long-term scalability.
- Support offline-first workflows for businesses operating where internet access is not always reliable.
- Help shape technical decisions, product direction, performance, reliability, simplicity, and scalability.

CTO Offline-first SaaS Product Architecture

Business Systems

Business and Operations Partner

2024 - 2026

Raisins Nigeria, Kano State

Restaurant, bakery, production, operations, and digital infrastructure

- Supported business and operations structure for a restaurant and bakery company with production, restaurant, and daily operations workflows.
- Helped improve digital infrastructure, technology use, operational coordination, and practical systems for smoother business execution.
- Worked across operations, process planning, business structure, and technology support so teams could work with clearer direction and better control.
- Contributed business thinking that connected production, service delivery, customer experience, and internal operations.

Operations Digital Infrastructure Restaurant Systems

Business Structure

Chief Executive Officer / Lead Product Developer

2018 - Present

Alishell Technology Ltd

- Lead the development of digital products, SaaS platforms, websites, business systems, admin dashboards, and custom software solutions.
- Take client ideas from concept to launch across planning, UI/UX, web apps, mobile apps, backend, databases, deployment, hosting, and improvement.
- Build backend systems and APIs with Laravel, NestJS, Firebase, and Python, plus web and mobile apps with React, Vue, Next, Nuxt, Flutter, React Native, and modern product tools.
- Help clients save cost by bringing multiple product development skills into one dedicated role.

CEO Full-Stack SaaS Client Products

Senior Business / System Analyst

October 2018 - Present

Alishell Technology Ltd

- Analyze business requirements and convert ideas into clear software specifications, workflows, user roles, modules, and database structures.
- Connect business goals with technical implementation through product planning, documentation, development strategy, and system improvement.

System Analysis Architecture Requirements

Professional Experience Continued

Business Consultant and Technology Coach 2018 - Present
 Independent / Community and Client Support

- Consult with retail, wholesale, pharmacy, production, restaurant, and small business owners on practical business setup, operations, and digital structure.
- Help business owners understand workflows, roles, records, customer processes, technology needs, and the systems required to run more professionally.
- Coach young people in the community on business, technology, digital skills, and practical ways to turn learning into useful opportunities.

Business Consulting Operations Coaching

Community Impact

Brand Designer and Project Manager - Kowazon Part-Time
 Alishell Technology Ltd

- Supported brand design, product planning, project coordination, visual identity, user-facing design elements, and digital execution.

Branding Project Management Product Direction

Senior WordPress Website Designer 2017 - 2018
 Alishell Technology Ltd

- Designed and developed professional WordPress websites, business websites, landing pages, and online platforms with Elementor and responsive UX.

WordPress Elementor Responsive Design

Junior WordPress Website Designer 2016 - 2017
 Alishell Technology Ltd

- Assisted in building WordPress websites, customization, page design, content updates, CMS management, and frontend presentation.

CMS Website Design Frontend

Graphic Designer 2014 - 2015
 Alishell Technology Ltd

- Designed graphics, brand assets, promotional materials, and digital visual content for business use.

Graphic Design Brand Assets Visual Communication

National Youth Service Corps - NYSC October 2021 - October 2022
 Bintu Umar Memorial School,
 Dutse, Jigawa State

- Completed the mandatory one-year National Youth Service Corps program, contributing to education, community service, and institutional support.

Service Education Community

Student Industrial Working Experience Scheme - SIWES 2016
 Federal University Dutse

- Completed three months of industrial training through SIWES, gaining practical experience in a professional technology and institutional environment.

Industrial Training Technology Environment

Academic Education

B.Sc. Computer Science

IHERIS University, Togo

Second Class Upper

2017 - 2020

National Diploma in Computer Science

Jigawa State Polytechnic, Dutse

Upper Credit

2015 - 2017

Senior School Certificate

Salem Group of Schools, Dutse

2012 - 2015

Leadership And Awards

Business and Technology Coach

Community business and technology mentorship

Ongoing

President

NACOSS, Jigawa State Polytechnic Dutse Chapter

2017

Financial Secretary

Students Union Government, Jigawa State Polytechnic Dutse Chapter

2017

Election General Supervisor

Independent Students Electoral Committee, Jigawa State Polytechnic Dutse Chapter

2017

Best Course Tutor

Alishell Computer and Business Training / 2022

Workshops And Conferences

- Spark Africa Technology Expo, Abuja - Spark Africa HQ, January 27-28, 2023
- Digital Nigeria International Conference, Abuja - Federal Ministry of Communications and Digital Economy / NITDA, October 25-27, 2022
- Digital Nigeria International Conference, Abuja - Federal Ministry of Communications and Digital Economy / NITDA, November 11-13, 2025

Professional Certifications

Certificate in Brand Design

ProApp

2022

Certificate in Design Thinking

ProApp

2022

Certified Microsoft Innovative Educator

Microsoft

2020

Staying Connected with Remote Learning through Microsoft Teams and Office 365

Microsoft

2020

Certificate in Project Management

LinkedIn Learning

2020

Certificate in Content Writing

LinkedIn Learning

2020

Certificate in Expert Graphic Design

LinkedIn Learning

2020

Certificate in Public Speaking

LinkedIn Learning

2020

Certificate in Senior WordPress Developer

LinkedIn Learning

2020

Certificate in Business Management

LinkedIn Learning

2020

Certificate in Creative Collaboration

LinkedIn Learning

2020

Certificate in Bookkeeping and Accounting

LinkedIn Learning

2020

Certificate in User Experience for Web Design

LinkedIn Learning

2020

Certificate in Brand Strategy for Web Design

LinkedIn Learning

2020

Certificate in WordPress E-commerce Website Development

LinkedIn Learning

2020

Certificate in How to Learn Online

edX

2020

Certificate in Computer Application Packages

MDI

2015

Soft Skills And Interests

- Product thinking
- Leadership
- Problem solving
- Business communication
- Client communication
- Teamwork
- Time management
- Creativity and innovation
- Adaptability
- Research and development
- Strategic planning
- Business administration
- Operations structure
- Business consulting
- Mentorship

- Research and development
- Artificial intelligence
- Building digital products
- Helping startups bring ideas to life
- Reading
- Travelling
- Networking

Ready to build without waste.

I work best with founders and business owners who need a practical product partner: someone who can understand the idea, protect the budget, build the system, and keep improving it after launch.

- SaaS
- Offline-first
- Web + mobile

- AI research
- Full-stack

Referee: Available on request.

[View Portfolio](#)