

AKONAM AGHA </AKNM/>

PRODUCT ENGINEER • SOFTWARE ARCHITECT • FOUNDER

I build intelligent software products that simplify work, solve real business problems, and create lasting value.

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PROFESSIONAL SUMMARY

Product Engineer and Full-Stack Software Engineer with over six years of experience designing, building, and launching digital products that solve real business problems.

I specialize in transforming ideas into reliable software—from business platforms and AI-powered tools to e-commerce systems and workflow automation solutions. My work combines software engineering, product strategy, user experience, and business thinking to deliver products that are both technically sound and commercially valuable.

As the Founder of **CRETESPACE**, I lead product strategy, software development, and technology innovation while overseeing the complete product lifecycle—from planning and design to development, deployment, and continuous improvement.

I enjoy working with startups, growing businesses, and organizations looking to modernize operations through technology.

IMPACT AT A GLANCE

Product Engineering | Designed and delivered 15+ software products from concept to deployment.

Leadership | Founder of CRETESPACE, leading product strategy, engineering, and technology innovation.

Experience | Over 6 years of experience building software and solving business challenges through technology.

Training | Successfully trained 2,000+ students and professionals in technology and digital business skills.

Industries | Delivered solutions across Business Services, AI, E-Commerce, Retail, Real Estate, and Enterprise Software.

CORE FOCUS

Building scalable software products, AI-powered systems, workflow automation, and business platforms that improve operational efficiency and customer experience.

CORE COMPETENCIES

Software Development

- Full-Stack Web Development
- Responsive Web Applications
- Business Software Development
- System Architecture
- REST API Development & Integration
- Authentication & User Management
- Database Design
- Payment Integration

Product Engineering

- Product Strategy
- Product Planning
- Software Architecture
- User Experience Design
- Agile Product Development
- Requirements Analysis
- Feature Prioritization
- Product Launch & Iteration

AI & Digital Transformation

- AI-Powered Applications
- Workflow Automation
- Business Process Improvement
- Digital Transformation
- Customer Experience Optimization
- Intelligent Business Systems

Leadership

- Product Leadership
- Technical Leadership
- Team Management
- Project Coordination
- Client Relationship Management
- Stakeholder Communication
- Cross-functional Collaboration

TECHNICAL SKILLS

Programming Languages • JavaScript • TypeScript • HTML5 • CSS3	Frontend Technologies • React • Next.js • Framer Motion • Responsive UI Development	Backend Technologies • Node.js • Express.js • REST APIs
Databases • MySQL • Prisma ORM • Supabase • MongoDB	Cloud & Deployment • Vercel • Cloudinary	Payments & Integrations • Paystack • Resend Email API • Third-Party API Integration
Development Tools • Git • GitHub • Postman • Figma • Trello • Visual Studio Code	Product & Business • Product Management • UI/UX Design • Business Analysis • AI Integration • Workflow Automation • Digital Strategy	

HIGHLIGHTS

- Founded **CRETESPACE**, a technology company building software for modern business centres and digital businesses.
- Built **15+** software products across business services, e-commerce, real estate, retail, and AI.
- Trained **2,000+** students and professionals in technology and digital skills.
- Led software projects from concept to deployment, including planning, design, development, testing, and launch.
- Designed AI-powered systems that simplify business operations and improve customer experience.
- Managed multidisciplinary teams across software development, operations, design, and customer support.

PROFESSIONAL EXPERIENCE

Founder & Product Engineer
CRETESPACE | January 2025 – Present
Lagos, Nigeria

Founded CRETESPACE, a technology company focused on modernizing business services through software, automation, artificial intelligence, and digital transformation.

As Founder and Product Engineer, I lead product strategy, software architecture, engineering, user experience, and business operations while overseeing the complete product lifecycle—from concept and design through deployment and continuous improvement.

Key Responsibilities & Achievements

- Founded and currently lead a technology startup focused on building software products for modern business centres and service-based businesses.
- Designed and engineered **CRETESPACE**, a cloud-based platform that enables customers to order business services online while providing workflow management, customer management, payment processing, and order tracking.
- Designed **CRETER AI**, an intelligent assistant that helps customers identify services, improves order accuracy, and simplifies the ordering experience.
- Built scalable software products using **React, Next.js, TypeScript, Node.js, Supabase, Prisma, MySQL, Cloudinary, and REST APIs**.
- Designed modern user interfaces focused on usability, accessibility, and customer experience.
- Led product planning, feature prioritization, software architecture, testing, deployment, and continuous product improvements.
- Built custom digital products for businesses across **business services, e-commerce, retail, automotive, and real estate** industries.
- Managed multidisciplinary teams across software engineering, operations, design, and customer support.
- Delivered multiple production-ready products from concept to launch while maintaining high engineering and design standards.

IT Specialist & Operations Manager

Credible Technology & Academy | June 2021 – May 2025

Lagos, Nigeria

Led daily operations while driving technology adoption, process improvement, and customer service across multiple business units.

Key Responsibilities & Achievements

- Managed daily business operations covering ICT services, printing, documentation, and digital solutions.
- Improved operational efficiency through software implementation and workflow optimization.
- Supervised staff performance, service quality, and customer satisfaction.
- Designed digital marketing materials that strengthened the company's online visibility and customer engagement.
- Coordinated customer support operations and internal business processes.
- Trained and mentored **over 2,000 students and professionals** in technology and digital business skills.
- Introduced technology-driven improvements that increased productivity and service delivery.

IT Specialist / Business Manager

CISNET Business Office | June 2019 – June 2021

Managed business operations while providing technical support and implementing technology solutions that improved day-to-day business activities.

Key Responsibilities & Achievements

- Managed software installation, maintenance, and technical support.
- Improved operational workflows through technology-driven process improvements.
- Assisted customers with ICT services and technical solutions.
- Supported implementation of new software systems and business processes.
- Coordinated business operations while maintaining high service standards.

Data Entry Officer / Data Analyst

National Identity Management Commission (NIMC) | January 2021 – May 2021

Supported Nigeria's National Identity registration programme through data management, verification, and technical operations.

Key Responsibilities & Achievements

- Successfully registered **over 20,000 Nigerians** into the National Identity database.
- Maintained high standards of data accuracy, verification, and quality assurance.
- Assisted with troubleshooting registration systems and supporting field operations.
- Supported onboarding and training of IT interns during registration exercises.
- Contributed to efficient processing of national identity enrolment activities.

CAREER HIGHLIGHTS

- Founded **CRETESPACE**, a technology company building software for modern business centres.
- Built **15+** software products across AI, business services, e-commerce, retail, real estate, and enterprise software.
- Trained **2,000+** students and professionals in technology and digital skills.
- Led software products from idea to launch, combining engineering, product strategy, user experience, and business execution.
- Designed AI-powered business tools that simplify workflows and improve customer experience.
- Managed engineering, operations, and product teams while delivering production-ready software.

SELECTED PROJECTS

CRETESPACE Platform (Flagship Product)

Business Centre Technology Platform

Designed and engineered a cloud-based platform that modernizes traditional business centre operations through digital service ordering, workflow automation, online payments, customer management, and AI-assisted service delivery.

- **Highlights**
- Online service ordering platform
- AI-assisted service recommendation (CRETER AI)
- Workflow and order management
- Customer dashboard
- Secure payment integration
- File upload and cloud document management
- Administrative dashboard
- Delivery and fulfillment management

Technologies

React • Next.js • TypeScript • Node.js • Supabase • Prisma • MySQL • Cloudinary • Paystack • REST APIs

CRETER AI

AI-Powered Business Assistant

Designed an intelligent assistant that guides customers through business service requests, helping them identify the right services, improve order accuracy, and automate customer interactions.

Highlights

- AI-guided ordering experience
- Intelligent workflow automation
- Business service recommendation engine
- Customer assistance
- Scalable product architecture

Technologies

Next.js • React • TypeScript • AI Integration • Node.js • Supabase

Franco Electronics

Modern E-Commerce Platform

Designed and developed a scalable e-commerce platform for an electronics retailer featuring product management, inventory tracking, online payments, and responsive shopping experiences.

Highlights

- Product catalogue
- Inventory management
- Shopping cart
- Secure checkout
- Administrative dashboard

Technologies

Next.js • React • TypeScript • Supabase • Paystack

Everything By Mma (EBM)

Fashion & Lifestyle E-Commerce Platform

Built a modern online retail platform supporting customer shopping, product administration, payment processing, and responsive mobile experiences.

Highlights

- Online storefront
- Product management
- Customer ordering
- Mobile-first interface
- Secure payments

Technologies

Next.js • React • TypeScript • Supabase • Paystack

Destiny Point Realty

Real Estate Management Platform

Developed a modern property platform for showcasing, managing, and marketing real estate listings while improving customer engagement.

Highlights

- Property listings
- Administrative dashboard
- Customer enquiries
- Responsive interface

Technologies

Next.js • React • TypeScript • Supabase

Kingz Autos

Automobile Dealership Platform

Designed and developed a premium automobile dealership website showcasing available vehicles with an easy-to-manage administration system.

Highlights

- Vehicle catalogue
- Inventory showcase
- Responsive design
- Administrative management

Technologies

Next.js • React • TypeScript • Supabase

CURRENT PRODUCTS

These products are currently being designed and engineered as part of the CRETESPACE technology ecosystem.

- **BICEN OS** — Business Centre Operating System for business centre management and operations.
- **CRETO** — Customer application for ordering business services.
- **CRETER AI** — AI-powered business assistant.
- **CREVA Suite** — Productivity tools for business centres and digital businesses.
- **AKNM Portfolio** — Interactive product engineering portfolio showcasing software products and engineering capabilities.

EDUCATION

BYU–Pathway Worldwide

Currently pursuing further studies in **Information Technology & Applied Science** after successfully completing the **PathwayConnect** programme with strong academic performance.

CERTIFICATIONS

- BYU–PathwayConnect Certificate
- Windows 11 Essential Training
- Ongoing Professional Development in Product Engineering, Artificial Intelligence, and Software Architecture

TECHNOLOGY INTERESTS

- Artificial Intelligence
- Product Engineering
- Software Architecture
- Workflow Automation
- Business Technology
- SaaS Platforms
- Cloud Computing
- Human-Centered Design

LANGUAGES

- **English** — Fluent
- **Igbo** — Native

REFERENCES

Available upon request.