

ABDULQUDUS AJAPE

Frontend Engineer | React • Next.js • TypeScript • AI Integration

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Professional Summary

Results-driven Frontend Engineer with 3+ years of experience building scalable, high-performance web applications using React, Next.js, and TypeScript. Proven track record of developing AI-powered solutions, optimizing application performance by up to 35%, and reducing development time by 20% through reusable component architecture. Expertise in modern frontend frameworks, responsive design, RESTful API integration, and database management with PostgreSQL, MySQL, and Supabase. Strong collaborator with cross-functional teams, delivering production-ready applications that enhance user engagement and drive business growth. Seeking to leverage technical expertise and innovative problem-solving skills in a challenging Frontend Engineer role.

Technical Skills

Frontend Technologies: JavaScript (ES6+), TypeScript, React.js, Next.js, HTML5, CSS3, Responsive Web Design, Progressive Web Apps (PWA), Single Page Applications (SPA)

Styling & UI Frameworks: Tailwind CSS, Bootstrap, CSS-in-JS, Styled Components, Material-UI, Shadcn/ui, Responsive Design, Mobile-First Design

AI & Integration: OpenAI API Integration, AI-Powered Applications, ChatGPT Integration, Prompt Engineering, Machine Learning Integration, Workflow Automation

Backend & Database: RESTful APIs, Supabase, Database Integration, API Integration, Backend Services

Tools & Development: Git, GitHub, GitLab, VS Code, Chrome DevTools, Figma, Webpack, Vite, npm, Yarn, Postman, Agile/Scrum Methodologies

Canvas & Graphics: Fabric.js, Canvas API, SVG Manipulation, Interactive Graphics, Dynamic Rendering

Performance & Optimization: Code Splitting, Lazy Loading, Caching Strategies, Web Vitals Optimization, SEO Best Practices, Lighthouse Optimization, Performance Monitoring

Testing & Quality: Unit Testing, Integration Testing, Cross-Browser Testing, Debugging, Code Review, Quality Assurance

Professional Experience

CO-FOUNDER & FRONTEND ENGINEER

AiNameIt.com / May 2024 – January 2025

- Co-founded and architected AI-powered SaaS platform using Next.js, React, TypeScript, and OpenAI API to generate unique brand names, domain suggestions, and personalized taglines for entrepreneurs and businesses
- Engineered production-grade AI integration with structured prompt engineering, achieving 40% improvement in user satisfaction and retention rates through optimized user experience
- Implemented responsive UI/UX design with Tailwind CSS, reducing page load time to 2.5 seconds through code splitting, lazy loading, and performance optimization techniques
- Designed and executed digital marketing strategies including SEO-optimized content and social media campaigns, driving platform visibility and organic user acquisition to 1,000+ active users
- Collaborated on product roadmap, strategic planning, and business development, establishing technical architecture for scalable growth

FRONTEND DEVELOPER

MSME Ecosystem Ltd | July 2023 – July 2024

- Developed company documentation website using Next.js, TypeScript, and Tailwind CSS, improving developer onboarding efficiency by 35% and enhancing accessibility for 500+ developers
- Built comprehensive component library with 50+ reusable React components, reducing project development time by 20% and standardizing UI/UX across multiple products
- Integrated RESTful APIs with frontend applications, collaborating with backend engineering team to improve data consistency by 30% and ensure seamless user experiences
- Optimized website performance through code splitting, image optimization, and caching strategies, achieving 15% improvement in Core Web Vitals and page load speeds
- Designed responsive email templates using HTML/CSS, enhancing client communication effectiveness and brand consistency across digital touchpoints
- Conducted thorough testing, debugging, and code reviews, reducing production bugs by 40% and maintaining high code quality standards

WEB DEVELOPER

Toshconsult Technologies Inc. | April 2023 – October 2023

- Developed responsive web applications using React.js, HTML5, CSS3, and JavaScript, increasing user engagement by 30% through intuitive UI/UX design and mobile-first approach
- Standardized UI components across projects using Bootstrap and Tailwind CSS, improving design consistency by 20% and reducing development overhead
- Optimized project workflows and collaborated with cross-functional teams including designers, backend developers, and project managers, increasing team efficiency by 25%

- Enhanced website performance and responsiveness using React.js optimization techniques, contributing to 35% increase in user satisfaction scores
- Implemented version control best practices using Git/GitHub, facilitating seamless collaboration and code management across development team

Featured Projects

ProofArk - Professional Certificate Generator Platform (Founder & Developer)

- Founded and developing full-stack web application enabling users to create, customize, and generate professional certificates online using React, Next.js, and Fabric.js for canvas manipulation
- Architected dynamic certificate template system with real-time preview, drag-and-drop functionality, and custom text styling options
- Integrated Supabase for backend services including user authentication, database management, and certificate storage
- Currently in final development phase with plans for public launch and monetization strategy

Technologies: Next.js, React, TypeScript, Fabric.js, Supabase, Tailwind CSS, Vercel

Sunnah Companion - Islamic Learning Platform (Founder & Developer)

- Founded and building comprehensive web application providing Islamic educational content including stories, quizzes, AI-powered learning features, prayer times, and Quranic resources for global Muslim community
- Designed and developed component-based architecture with React and Next.js, ensuring maintainable codebase and seamless user experience
- Implemented Supabase for backend services including content management, user data persistence, and AI integration
- Optimized for performance and accessibility with plans for public launch and community growth

- Integrated AI-powered learning features to personalize educational content and enhance user engagement

Technologies: Next.js, React, TypeScript, Supabase, OpenAI API, Tailwind CSS

Tulupay Payment Documentation Platform

- Architected and developed comprehensive developer documentation website for fintech payment integration API
- Created intuitive navigation, searchable content structure, and interactive code examples improving developer experience
- Reduced developer onboarding time by 35% through clear documentation and well-organized technical content
- Implemented responsive design ensuring optimal experience across desktop, tablet, and mobile devices

Technologies: Next.js, React, Markdown, Tailwind CSS, Vercel

Purse by Tulupay - Fiat Currency Management Dashboard

- Developed responsive admin dashboard for managing multi-currency fiat transactions and user accounts
- Integrated complex RESTful APIs for real-time transaction monitoring, reporting, and analytics visualization
- Built data visualization components using Recharts library, improving operational efficiency for admin team
- Implemented role-based access control and secure authentication flows

Technologies: Next.js, React, TypeScript, REST APIs, Recharts, Tailwind CSS

Education

Bachelor of Science (B.Sc.) in Computer Science

Al-Hikmah University, Nigeria | Expected Graduation: 2027

Bachelor of Science (B.Sc.) in Mathematics Education

University of Ilorin, Kwara State, Nigeria | December 2015 – August 2021

Key Achievements & Certifications

- Founded and developed 3 web applications: AiNameIt (AI-powered SaaS serving 167+ users), ProofArk (professional certificate generator), and Sunnah Companion (Islamic learning platform with AI integration)
- Co-founded and launched AI-powered SaaS platform from concept to 167+ active users in 8 months with 40% user retention improvement
- Architected 2 full-stack applications as Founder using Next.js, React, TypeScript, Fabric.js, and Supabase with production-grade infrastructure
- Reduced development time by 20% across multiple projects through reusable component architecture and code optimization
- Improved application performance by 35% through implementation of code splitting, caching, and Web Vitals optimization
- Enhanced API integration data consistency by 30% through effective collaboration with backend development teams
- Successfully delivered 8+ web applications including documentation platforms, admin dashboards, and SaaS products across FinTech and EdTech industries