BARNABAS MIKEL

Software Engineer | AI Engineering & Automation

mrbarnx@gmail.com | GitHub | Portfolio | LinkedIn | Nigeria / Remote

PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience building responsive full-stack applications, product interfaces, backend workflows and API integrations. Strong frontend engineering foundation across React, Vue, Next.js and TypeScript, with practical experience in Node.js, Express, PostgreSQL, Supabase, AI-powered applications, workflow automation, Docker and cloud deployment. I build maintainable software and automation systems that solve practical product and operational problems.

TECHNICAL SKILLS

Software Engineering: Full-stack applications, REST APIs, authentication flows, serverless functions, component architecture, debugging, testing workflows
Frontend Foundation: React, Vue 3, Next.js, TypeScript, JavaScript, Vite, Tailwind CSS, responsive UI, accessibility
Backend & Data: Node.js, Express, FastAPI integration, Prisma, PostgreSQL, Supabase, storage, webhooks
AI & Automation: AI API integration, OpenRouter, multimodal interfaces, prompt engineering, n8n, workflow design, WhatsApp integrations
Delivery & Tools: Docker, Docker Compose, Git, GitHub, Vercel, npm, Figma, Cloudflare Turnstile

PROFESSIONAL EXPERIENCE

Frontend Engineer | Imisi Health | Apr 2026 - Present
- Build 42 responsive application screens for an internal healthcare platform using reusable components and consistent interface patterns.
- Integrate secured Python/FastAPI APIs for authentication, profiles, assessments, appointments, patient records, insurance, AI assistance, document uploads and administration.
- Implement authenticated flows, API request handling, validation feedback, and complete loading and error states; diagnosed and resolved cross-origin API failures.

Lead Frontend Developer & UI/UX Designer | Synlo, Nigeria | Nov 2025 - Feb 2026
- Led the design and frontend implementation of 21 responsive SocialFi screens covering discovery, matchmaking, authentication, animation and state management.
- Translated early product concepts into reusable components and coherent user journeys.

Full-Stack Engineer | VIN Startup Project, Kenya | Nov 2024 - Jan 2025
- Built a multimodal AI chat interface supporting text, image and file inputs; developed Node.js and Express REST APIs and deployed serverless workflows on Vercel.

Frontend Developer (Part-time) | SIMM, France | Mar 2024 - Jun 2025
- Built responsive UI flows for AI-powered applications, integrated existing APIs, and configured prompts and AI response presentation.

Frontend Developer | Learni | May 2023 - Jan 2025
- Collaborated with the lead frontend developer to implement responsive screens for a decentralized Web3 learning platform.

Freelance UI/UX & Frontend Developer | Zogo, Nigeria | Jun 2024 - Aug 2024
- Designed and implemented 13 responsive screens, translating product requirements into functional flows and reusable components.

SELECTED PROJECTS

Barnx Portfolio CMS | Next.js, TypeScript, Supabase, PostgreSQL, Vercel - Built a production portfolio CMS with authenticated content management, media storage, draft/publish workflows, first-party analytics, privacy controls and automated deployments. GitHub | Case Study

Subly | React 19, Vite, Tailwind CSS, Supabase, Cloudflare Turnstile - Built marketplace, product, cart, checkout, authentication and dashboard experiences with validated lead capture and bot protection. GitHub

Omni-Channel AI Chatbot | Node.js, Express, Prisma, PostgreSQL, WhatsApp Cloud API - Developed a shared conversation backend with lead capture, qualification, handoff, validation, rate limiting and webhook verification. GitHub

EDUCATION

Bachelor of Science (B.Sc.), Human Anatomy - Expected 2027 | Federal University of Technology, Owerri (FUTO), Nigeria