

ABBEY KUMAPAYI

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Personal Summary

Experienced full-stack engineer with 7+ years building scalable web applications and AI-powered products. Skilled across the modern JavaScript ecosystem – from architecting performant React and Next.js frontends to designing robust backends with Prisma, Supabase, and Convex DB. I bridge product strategy and engineering execution, delivering intelligent systems that improve efficiency, user experience, and business outcomes.

Skills

Frontend: React, Next.js, React Router, TypeScript, Tailwind CSS

Backend: Node.js, Supabase, Prisma, Convex DB, PostgreSQL

AI & Data: LangChain, Vector Databases, OpenAI API, RAG Systems

Product & Design: Design Systems, A/B Testing, Localization, Performance

Optimization

Architecture & Ops: API Design, CI/CD, Microservices, Authentication, Caching

Collaboration: Mentorship, Product Strategy, Documentation, Agile

Experience

Senior Software Engineer

03/2025 to Current

React Squad

Germany

Built and scaled full-stack platforms across social, healthcare, and investment domains.

- Delivered systems for **SocialKit**, **VoySaude**, and **DealDeploy** using **Next.js**, **Supabase**, **Prisma**, and **Convex DB**.
- Built **AI-driven enrichment tools** for DealDeploy, automating company insights and personalized investor outreach.
- Optimized bulk-scheduled backend operations for large-scale data enrichment and automation.
- Streamlined reusable component and backend patterns, cutting feature delivery time by 30%.

Tech: Next.js | React Router | TypeScript | Supabase | Prisma | Convex DB | AI Integrations

Lead Frontend Engineer

05/2024 to 03/2025

Datangle

London

Architected a no-code **DataOps workflow builder** enabling teams to design complex, conditional data pipelines visually.

- Built dynamic node-and-edge logic supporting triggers (manual, cron, pipeline) and actions (API calls, SQL, GitHub files, notifications, conditions).
- Engineered a config system that converted workflows into **YAML schemas** used by backend APIs for execution.
- Led feature-design discussions and mentored a junior engineer to ensure alignment, quality, and delivery speed.

Tech: React Flow | Next.js | TypeScript | Node.js | Prisma | PostgreSQL

Senior Software Engineer

03/2022 to 11/2023

Theoremone

California

Delivered large-scale enterprise software for a leading **title insurance** company handling millions in transactions.

- Conducted **spike research** to define implementation strategies and guide product direction for key features.
- Led development of a **real-time collaboration chat system** for property title and fund management teams.

- Implemented **bulk operation management** features to improve efficiency and workflow automation across the platform.

Tech: React | TypeScript | Node.js | Vue.js | PostgreSQL | HTML | CSS

Senior Frontend Engineer

01/2021 to 02/2022

Pangaea Holdings

California

Contributed to the development and optimization of e-commerce platforms across multiple consumer brands.

- Drove A/B testing initiatives that increased brand conversion rates by **10%**.
- Integrated a **Crowdin-powered translation system** enabling fast, scalable multi-language support across storefronts.
- Built a **gift card system** adopted by several brands to boost engagement and repeat purchases.

Tech: React | TypeScript | Shopify API | Optimizely | HTML | CSS | Performance Optimization

Lead Software Engineer

10/2019 to 01/2021

Enyata

Lagos

Led engineering teams delivering full-stack solutions for multiple client projects across web and SaaS platforms.

- Defined and communicated **technical requirements** and architectural plans for product features.
- **Mentored junior developers**, providing code reviews, system design guidance, and architecture explanations.
- Established **coding standards** and review processes that improved team consistency and delivery quality.
- Collaborated with designers to align technical feasibility with product and client expectations.

Tech: React | Node.js | JavaScript | TypeScript | System Design | Project Architecture

Projects

- **RAG-Enabled PDF Chat** - <https://rag-app-psi.vercel.app/>
AI-powered document intelligence tool that turns PDFs into interactive chat experiences. Uses RAG to deliver accurate, context-aware insights up to 5x faster than manual reading.
Tech: React, TypeScript, LangChain, Vector Databases, OpenAI API
- **Datangle** - <https://datangle.io/>
No-code DataOps platform for designing and automating complex data workflows. Built the visual workflow builder with conditional branching and YAML config export for backend execution.
Tech: React Flow, Next.js, TypeScript, Prisma, PostgreSQL
- **UX Test Tools** - <https://uxtesttools.com/>
End-to-end UX research platform that simplifies usability testing and team collaboration, reducing research cycles by 40%.
Tech: React, Next.js, TypeScript, Node.js
- **React Flow Workflow** - <https://www.npmjs.com/package/react-flow-workflow>
Open-source React hook for visual workflow diagrams. Adopted by developers building automation tools; reduces integration boilerplate by 60%.
Tech: React, TypeScript, React Flow

Education

Bachelor of Science: Computer Science

10/2021

Yaba College of Technology

National Diploma: Computer Science

01/2016

Yaba College of Technology

Languages

English: First Language

Websites

- <https://www.linkedin.com/in/abbey-kumapayi-45699b140/>
- <https://github.com/Habbeunik>