

# 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

- 03/2025 - Current

React Squad  
Germany

**Senior Frontend Developer**  
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
- 03/2022 - 11/2023

Theoremone  
California

**Senior Software Engineer**  
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
- 01/2021 - 02/2022

Pangaea Holdings  
California

**Senior Frontend Engineer**  
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

10/2019 - 01/2021

Enyata  
Lagos

### Lead Software Engineer

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

05/2024 - 01/1970

Datangle  
London

### Lead Frontend Engineer

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

## 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 5× 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

10/2021

**Bachelor of Science** in Computer Science  
Yaba College of Technology

01/2016

**National Diploma** in Computer Science  
Yaba College of Technology

## Languages

**English:** First Language

## Websites

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