

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

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

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

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

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

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. <ul style="list-style-type: none">• 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. <ul style="list-style-type: none">• 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. <ul style="list-style-type: none">• 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 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

10/2021

Bachelor of Science in Computer Science
Yaba College of Technology

Languages

English: First Language

Websites

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