

# Hanan PK

## AI Full Stack Engineer

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### Summary

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AI Full Stack Engineer focused on building intelligent, scalable products powered by LLMs, AI, and modern web technologies. Skilled in developing end-to-end applications using React, Next.js, Node.js, TypeScript, and AI-driven architectures, with expertise in frontend engineering, backend systems, real-time data processing, and interactive data visualization.

### Experience

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#### Frontend Developer

Apr 2026 – Present

*Suadeo*

*Dubai, UAE*

- Developed and managed the frontend of **SDS (Self Data Services)**, a **France based data management platform**, collaborating with **AI and backend engineers** to deliver scalable enterprise features.
- Built **AI-powered features** including **AI chat**, interactive **data visualizations**, and **custom dashboards**, while boosting application performance by **10%** through optimized rendering and state management.
- Integrated **Claude Code** into the development workflow, structuring AI systems using **CLAUDE.md**, custom **skills**, and **agent configurations**, resulting in improved maintainability, faster iteration cycles, and enhanced developer productivity.

#### Founder & CEO

May 2025 – Jan 2026

*Self-Founded SaaS Products*

*Remote*

- Founded and launched **two SaaS products**, owning product strategy, design, engineering, deployment, and growth from concept to market.
- Developed AI-powered workflows and modern web applications using **Next.js, React, Node.js, PostgreSQL, Prisma, and LLM integrations**, delivering end-to-end user experiences.
- Acquired and onboarded customers, leveraging user feedback, analytics, and rapid iteration to improve product adoption and validate business opportunities.

#### Product Engineer

Sep 2024 – May 2025

*Premagic*

*Bangalore, India*

- Delivered core features for an **AI-powered event marketing platform** using **React.js, Next.js, TypeScript, and microfrontend architecture**, including **avatar generation** and **automated attendee poster creation**.
- Engineered **high-performance facial scanning workflows** with **real-time recognition** and **instant photo distribution**, increasing user participation by **40%**.
- Built wireframes and prototypes in **Figma and Adobe XD** applying **accessibility-first design**, improving usability scores by **25%**; implemented **i18n** and **RTL** support for global reach.

#### Software Engineer

Aug 2023 – Sep 2024

*Webandcrafts*

*Infopark, Thrissur*

- Built **responsive, high-performance applications** with **React.js and Next.js**, reducing average page load times by **35%**.
- Architected **scalable state management solutions** using **Redux, Recoil, and SWR**, improving application stability and reducing bug reports by **20%**.
- Integrated **third-party APIs and services** to enhance functionality, and led **code reviews** to maintain quality and consistency across the team.

#### Frontend Developer

Aug 2022 – May 2023

*Tegain Pvt Ltd*

*Kochi, India*

- Designed and developed **responsive, visually polished front-end interfaces** using **React.js, JavaScript, HTML, CSS, jQuery, and Sass**.
- Utilized **Figma** for **UI design and prototyping**, ensuring seamless user experiences aligned with design specifications
- Maintained **clean, scalable code structure** following best practices and leveraged **Git** for effective collaboration and version control.

## Skills

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**Frontend:** React.js, Next.js, JavaScript, TypeScript, HTML, CSS, Tailwind CSS, Sass, Material UI, Hero UI, jQuery, DOM Manipulation, Responsive Design, Performance Optimization

**State Management & Animation:** Redux, Zustand, Jotai, Context API, SWR, Recoil, Framer Motion, GSAP, i18n (next-i18next)

**AI & LLMs:** LLM Integration, Prompt Engineering, AI Agents, Agentic Workflows, OpenAI API, Claude, Gemini, MCP, Tool Calling, RAG, Workflow Automation

**Backend & DevOps:** Node.js, PostgreSQL, Prisma, Git, CI/CD, Docker, Jest, React Testing Library, Vercel, Netlify

**Design & No-Code:** Figma, Adobe XD, Photoshop, Adobe Illustrator, UI/UX Design, Visual Design, Graphic Design, Webflow, Wix

## Projects

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**Premagic** | *React.js, TypeScript, Redux, Python*

- Developed an **AI-powered platform** designed to revolutionize **event marketing** by optimizing engagement and increasing sponsor ROI.
- Implemented a **microfrontend architecture** with **React and TypeScript**, enabling modular development, independent feature updates, and better scalability across the platform.
- Implemented features enabling attendees to create **AI avatars**, adding a personalized and engaging event experience.
- Built a **face-recognized photo distribution system** supporting **real-time delivery** of event photos to attendees.
- Delivered advanced features including **AI avatar generation, automated attendee poster creation, multi-language support, and dynamic image galleries**, enabling scalable content creation and localized user experiences.
- Covered the **full event lifecycle** – from pre-event planning to **post-event analytics** – boosting engagement, visibility, and attendee satisfaction.
- Integrated **automated analytics** and **personalized insights**, enhancing the platform's overall value proposition.
- Worked with **API integrations and secure authentication** flows.
- Built high-performance, **responsive UI with React, TypeScript, HTML, and CSS**.

**viiew.me** | *Next.js, Tailwind CSS, JavaScript, Node.js, Supabase, Vercel, Razorpay*

- Created a **customizable portfolio and link-in-bio platform** empowering creators to build visually striking, personalized digital identities.
- Implemented **DOM manipulation and dynamic UI updates using JavaScript and React**.
- Implemented authentication flows using secure token-based mechanisms (**SSO/OAuth-style patterns**).
- Developed **dynamic templates** with editable widgets including image galleries, social links, videos, and call-to-action buttons.
- Implemented **real-time template preview and live editing**, streamlining the design-to-deploy workflow for users.
- Integrated **Supabase** for secure **user authentication and database management**, enabling scalable data handling.
- Built backend services using **Node.js** to handle server-side logic, user actions, and asset processing efficiently.
- Optimized performance with **static generation and server-side rendering via Next.js**, ensuring fast load times and strong SEO performance.
- Deployed on **Vercel** with **responsive design** across devices, delivering a seamless experience for creators and viewers.

**iinve** | *Next.js, JavaScript, Node.js, PostgreSQL, Prisma, Razorpay*

- Built and launched a **digital invitation SaaS platform** enabling users to create, customize, and share interactive event invitations with modern, responsive designs.
- Developed the complete product from concept to production, owning **UI/UX design, frontend development, backend architecture, database design, deployment, and customer onboarding**.
- Implemented customizable invitation templates, RSVP management, guest tracking, and event-sharing workflows, simplifying event planning and attendee engagement.
- Successfully acquired and served real customers, validating product-market fit and driving platform growth through product-led improvements.

## Education

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**University of Calicut**  
*Bachelor of Computer Application*

Jun 2020 - Mar 2023  
Kerala, India