Irfan Saeed Khan

Senior Frontend Engineer

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with 5+ years of experience building production web applications, SaaS platforms, enterprise dashboards, and interactive digital products. Strong expertise in React, Next.js, and TypeScript, including performance optimization, with backend development, system architecture, API integration, database design, and AI-powered application development delivered with AI assistance.

Experienced in taking products from concept and architecture through development and deployment, with a focus on solving business problems and delivering scalable solutions built for real use.

TECHNICAL SKILLS

Frontend Engineering:	React, Next.js, TypeScript, JavaScript, HTML, CSS, TanStack Query, Redux Toolkit, Zustand, SWR
Backend & API Development:	Node.js, Hono.js, Express.js, REST APIs, Axios
AI Integration & Automation:	AI integration, AI-powered workflows, voice interfaces, conversational applications, AI agents, MCP
System Architecture & Databases:	PostgreSQL, Drizzle ORM, MongoDB
UI Engineering & Animation:	Tailwind CSS, SCSS, Ant Design, Material UI, shadcn/ui, Bootstrap, GSAP, Framer Motion, SVG, CSS animations
Infrastructure & Deployment:	Git, GitHub, Vercel, Docker
CMS & Content Platforms:	Strapi, WordPress, WooCommerce

PROFESSIONAL EXPERIENCE

Senior Frontend Engineer - Algo Alliance

Nov 2021 - May 2026

Dubai, United Arab Emirates | Remote | Full-time

Worked within a cross-functional team of 10-12 people, owning substantial frontend development across SaaS platforms, Web3 applications, dashboards, and internal business systems.

- Led frontend implementation across multiple products using React, Next.js, and TypeScript.
- Delivered complex dashboards, reusable components, responsive interfaces, and application workflows.
- Integrated backend APIs and managed application data using React Query and modern state-management solutions.
- Optimized application rendering, transitions, and complex interfaces to improve responsiveness and user experience.
- Improved Lighthouse performance scores from approximately 60-70 to 100 across multiple audited pages.
- Developed interactive interfaces and animation-rich experiences using GSAP.
- Implemented authentication flows, role-based interfaces, and API-driven features.
- Partnered with backend developers, designers, and product stakeholders on feature delivery.
- Mentored and trained interns from the American University in Dubai.
- Contributed to code reviews, technical decisions, and team coordination.

Technologies: React, Next.js, TypeScript, JavaScript, Tailwind CSS, React Query, Redux Toolkit, Zustand, GSAP, REST APIs, Strapi.

React Developer - Cloudtek

Mar 2021 - Sep 2021

Islamabad, Pakistan | On-site | Full-time

- Developed frontend functionality for a vehicle tracking system for Fatima Fertilizer.
- Built React applications using TypeScript and Material UI.
- Developed reusable components, forms, dashboards, and REST API integrations.
- Optimized complex forms, tables, and data visualizations.
- Collaborated with clients, designers, and team members to improve UI/UX workflows.
- Participated in team discussions and contributed to technical decisions and project delivery.
- Supported team development and mentored three junior developers.

Technologies: React.js, JavaScript, TypeScript, Material UI, REST APIs.

WordPress and Web Animation Developer - Techzir

Oct 2020 - Mar 2021

Islamabad, Pakistan

- Converted existing website themes into functional WordPress websites.
- Developed and customized e-commerce stores using WooCommerce and WordPress plugins.
- Created 2D web animations and interactive experiences using GSAP and JavaScript.
- Built custom SVG configurators and interactive design elements.
- Worked on creative web design and animation implementation.

Technologies: WordPress, WooCommerce, JavaScript, GSAP, SVG, HTML, CSS.

Frontend Developer - Phlox Solutions

Mar 2018 - Aug 2018

Islamabad, Pakistan | On-site | Full-time

- Built responsive websites and landing pages using HTML and CSS.
- Developed reusable styling patterns and basic design systems.
- Worked with vanilla CSS and SCSS to structure and maintain styles.
- Contributed to frontend implementation and visual consistency.
- Worked with PHP for some website functionality.

Technologies: HTML, CSS, SCSS, PHP.

SELECTED PRODUCTS

Solrit | Time-Audit SaaS

FOUNDER-BUILT PRODUCT

Independently designed and built a time-audit and productivity platform, owning product direction and architecture. Features include hourly tracking, planning, analytics, tasks, notes, AI summaries, AI coaching, voice interaction, MCP API, and Google Calendar integration.

https://solrit.com

Viyacor | Company OS

FULL-STACK PRODUCT

An all-in-one business management platform combining HR, payroll, CRM, invoicing, team chat, project management, and task management. Owned product architecture and full-stack development.

https://company-os-mega.vercel.app/

Sociaket | SocialFi Platform on BNB Chain

WEB3 PRODUCT

A Web3 social platform featuring social publishing, chat, voice rooms, NFT marketplace, staking, and launchpad functionality. Contributed to end-to-end product development, including architecture, frontend, backend, wallet connectivity, and on-chain interactions.

https://sociaket.vercel.app/

Clinic Management OS | Client Project

FULL-STACK PRODUCT

A clinic management platform covering patient management, appointments, prescriptions, billing, inventory, and clinic workflows. Built the product architecture and full-stack application, including AI-assisted workflows. The platform is currently used by a doctor. Monorepo with a Hono API, React dashboard, and shared packages. Role-based workflows for administrators, doctors, and counter staff, connecting prescription processing with invoicing and inventory. Stock deduction on dispensing, partial payments, and backorders.

https://clinic-management-os.vercel.app/

Viva | AI Interview Preparation

AI VOICE APPLICATION

A voice-first AI interview preparation platform featuring real-time conversations and mock interviews. Built a full-stack application using a real-time voice pipeline with Pipecat and Gemini Live over WebRTC, Docker deployment on an Oracle Cloud ARM VM, and Neon PostgreSQL.

https://viva-interview-prep.vercel.app/

EDUCATION AND TRAINING

Cloud Applied Generative AI Engineer, PIAIC Islamabad (In Progress)
Diploma in Information Technology (DIT), PB Technical Education, DI Khan
Intermediate, Crescent Degree Science and Commerce College, Karachi