

UMAR ARSHAD

Senior Front-end Engineer

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Johar Town, Lahore



EXPERIENCE

Senior Frontend Developer

Spark AI

- 11/2024 - Present Lahore, Pakistan
- Enhanced web security posture by implementing OWASP ZAP, Semgrep, Snyk, and best security practices, proactively detecting and mitigating vulnerabilities and reducing potential exploits by 40%.
- Engineered a Live Voice Mode feature, enabling real-time conversational interaction with LLMs through seamless speech-to-text (STT) and text-to-speech (TTS) integration.
- Built an Agent Studio at Prompt Privacy, enabling users to generate company-specific and personalized curated prompts, improving LLM output quality and efficiency

Senior Frontend Engineer

Genetics Pharmaceuticals

- 08/2024 - 04/2025 Lahore, Pakistan
- Integrated payment gateways (Jazz Cash, EASYPAlSA, and bank transfers) to enable seamless, secure transactions, enhancing user experience and platform reliability
- Optimized the admin dashboard for efficient data management and enhanced Core Web Vitals for faster load times, ensuring a seamless and smooth user experience.

Front-end Engineer

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- 08/2023 - 08/2024 JOHAR TOWN, LAHORE
- Amplified user engagement by 35% in two months by creating audio processing app with Wavesurfer.js, enabling uploads, musical form dissection, and timeline-based similarity search
- Boosted sales by 30% in six months by engineering a feature-rich e-commerce platform with React, TypeScript, and Redux Toolkit, enabling product listings, purchasing, and a two-way review system

PROJECTS

Prompt Privacy (AI Chat Platform)

- 11/2024 - Present PAK
- Prompt Privacy's Data as a Service (DaaS) platform, simplifying data infrastructure management for businesses. Enabled organizations to focus on growth and innovation through seamless, data-driven decision making.
- Next.js, React Query, Tailwind CSS, Django, Monorepo

Apka Muaalij (Medical Healthcare)

- 08/2024 - Present PAK
- Developed a healthcare platform using Next.js, integrating secure payment gateways and styled with Tailwind CSS alongside Shadcn UI components for a responsive user experience.
- React, Next.js, Tailwind CSS, SEO Optimizations, Payment Gateways(Jazz cash, EASYPAlSA, Bank Transfer), Shadcn UI

Practice Tool AI

- 08/2023 - 08/2024 France
- Built an English learning platform for beginners, incorporating interactive exercises and assessments
- React, Typescript, Payment Gateway (Stripe), Authentication

SUMMARY

Frontend Developer with 4+ years of experience in React, TypeScript, and Next.js, specializing in building scalable, seo friendly, fully secure and user-focused applications. Contributed to Prompt Privacy's Data-as-a-Service platform, helping companies manage data efficiently, and developed a comprehensive healthcare platform featuring video consultations, secure payments, scheduling, and integrated pharmacy and lab services.

LANGUAGES

English Proficient

SKILLS

HTML5	CSS3	JAVASCRIPT
TYPESCRIPT	REACT JS	NEXT JS
BOOTSTRAP	TAILWIND CSS	
SHADCN UI	WEB SECURITY	
REACT QUERY	SEO	GIT
PAYMENT GATEWAYS		
VIDEO STREAMING	API INTEGRATION	
PERFORMANCE OPTIMIZATIONS		

EDUCATION

Bachelor of Science in IT

PUCIT (University of Punjab)

10/2019 - 07/2023 Lahore

PERSONALITY

- Tech Enthusiast**
Always eager to stay on top of the latest trends and developments in technology
- Collaborative Spirit**
Values teamwork and enjoys collaborating with others to build effective and engaging web applications