

Bilal Tufail

Senior Frontend Developer

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Executive Summary

Senior Frontend Developer with 5+ years of experience building fast, responsive, and user-friendly web applications using ReactJS, NextJS, TypeScript, and modern web standards. Proven background in delivering high-performance platforms across fintech, e-commerce, and specialized content domains — from AI-powered stock research tools to full-featured online marketplaces.

Currently transitioning into Agentic AI Engineering — combining deep frontend expertise with hands-on AI integration to build intelligent, user-facing applications. At Meyka AI, led frontend development for an AI-driven stock research platform, integrated a real-time AI chatbot with live response streaming, and improved organic traffic by 40% through SSR and structured SEO. At Swiss Helden, built Kaufes — a Swiss online marketplace featuring auction flows, secure payment integration, and geolocation-based shipping.

Has also delivered complex, niche applications including a full-featured Quran reader with Tajweed playback, multilingual translations, Qibla compass, and embeddable Islamic widgets. Brings mentoring experience, strong Git and deployment practices, and a consistent ability to deliver clean, scalable frontend code across multi-discipline teams.

Core Competencies

- **ReactJS & NextJS Development:** Building scalable, production-grade frontends with SSR, SSG, and API routes for performance-first applications.
- **AI Integration & Development:** Integrating LLM APIs, streaming chat interfaces, and AI-driven workflows into real-world web products.
- **TypeScript & Modern JavaScript:** Strong command of TypeScript for type-safe, maintainable codebases across frontend and full-stack projects.
- **Performance Optimization:** Reducing page load times through layout optimization, asset compression, CLS fixes, and controlled third-party script management — delivering 60%+ load time improvements.
- **SEO & Server-Side Rendering:** Implementing structured data, meta tags, and SSR/SSG strategies to improve search indexing and organic traffic.
- **State Management (Redux & Context API):** Managing complex application state across large-scale platforms using Redux, Redux Toolkit, and Context API.
- **UI Design Systems (Tailwind, Material UI, ShadcnUI):** Building consistent, accessible, and responsive interfaces using Tailwind CSS, Ant Design, Material UI, and ShadcnUI.
- **Real-Time Features & Live Streaming:** Implementing live data feeds, streaming AI responses, real-time bid updates, and notification systems for dynamic user experiences.
- **Frontend API Integration:** Integrating frontend applications with REST APIs, authentication systems, databases, and third-party services using Node.js and Express-based workflows.
- **Data & Cloud Tools:** Working with Firebase, Supabase, PostgreSQL, MongoDB, and AWS in frontend-driven applications for data handling, authentication, and deployment support.
- **E-Commerce Interfaces:** Building responsive marketplace interfaces including product dashboards, auction flows, buy-now experiences, payment integrations, and moderation panels.
- **Deployment & Frontend Infrastructure:** Deploying and managing frontend and full-stack applications on Vercel, Netlify, Google Cloud, and AWS with Git-based deployment workflows.

- **Technical Mentorship & Code Review:** Mentoring junior developers through code reviews, debugging sessions, and establishing scalable coding patterns on production teams.
- **Cross-Functional Collaboration:** Partnering with backend engineers, designers, product managers, and third-party vendors to deliver cohesive product experiences on time.
- **Technical Documentation:** Writing clear component documentation, code comments, and process guides that help teams onboard quickly and maintain codebases effectively.

Key Projects & Achievements

- **Meyka AI – AI-Powered Stock Research Platform:** Led frontend development from the ground up using Next.js, TypeScript, and Tailwind CSS. Integrated a real-time AI chatbot with live response streaming that improved user engagement by over 30%. Implemented SSR, structured data, and meta tag strategy that boosted organic traffic by 40% and improved indexing on key financial pages. Reduced page load times by over 60% through layout optimization, asset compression, and CLS fixes. Built interactive dashboards to help users explore stock market trends, investor activity, and company insights.
- **Kaufes – Swiss Online Marketplace (Swiss Helden GMBH):** Built a full-featured online marketplace supporting auction-style and buy-it-now product listings using Next.js, React, TypeScript, and Tailwind CSS. Integrated real-time search, secure payment flows, listing moderation, verified user badges, and geolocation-based shipping in collaboration with backend, design, and Swiss Post teams. Contributed to core scaling decisions, enforced clean Git practices across GitHub and Bitbucket, and mentored junior developers through real-world debugging and code reviews.
- **Muslim & Quran – Comprehensive Islamic Platform:** Built a feature-rich Quran reader with multiple Arabic script styles, translations, transliterations, audio recitations, Tajweed controls, and easy navigation for Surahs, Hizbs, and Rukus with verse bookmarking. Developed embeddable Islamic widgets for prayer times, Hijri date conversion, 99 Names of Allah, Kalimas, and Ramadan countdowns. Also built a Qibla Compass with device orientation support, a location-based prayer time system, and a Zakat Calculator based on authentic Islamic guidelines.
- **Personal Portfolio:** Designed and built a fully responsive personal portfolio using Next.js, Tailwind CSS, and Framer Motion animations. Presented real-world projects with clear structure, visuals, and project insights. Built all sections with reusability in mind to allow quick updates as new projects are added.

Work Experience

Senior Frontend Developer

Jan 2025 – Present

Meyka AI Pvt. Ltd., Remote

- Led frontend development for Meyka, an AI-powered stock research platform, building the complete UI from scratch using Next.js, TypeScript, and Tailwind CSS with a focus on performance, accessibility, and responsive design.
- Integrated and optimized an AI chatbot assistant with live streaming of responses, designed the complete chat interface, and ensured smooth performance across sessions — resulting in a 30%+ boost in user engagement.
- Improved SEO by implementing structured data, meta tags, and server-side rendering, achieving a 40% increase in organic traffic and faster indexing on key financial pages.
- Reduced page load times by over 60% through layout optimization, asset compression, controlled third-party scripts, and resolution of layout shift and CLS penalties.

- Built data dashboards presenting alternative investment datasets including workforce trends, social sentiment, and institutional holdings to serve retail investors.

Senior Frontend Developer

Jan 2024 – Dec 2024

Swiss Helden GMBH, Remote

- Built Kaufes, a Swiss online marketplace supporting auction-style and buy-it-now listings. Delivered a fast, responsive interface using Next.js, React, TypeScript, and Tailwind CSS that works seamlessly across desktop and mobile.
- Integrated real-time search tools, secure payment flows, listing moderation, geolocation-based shipping, and trust features like verified user badges — collaborating closely with backend, design, and Swiss Post teams.
- Contributed to core technical decisions around scaling, performance, and team workflow. Maintained clean Git practices across GitHub and Bitbucket.
- Mentored junior developers through regular code reviews, hands-on debugging, and establishing reliable coding patterns that kept the platform stable at scale.

Frontend Developer

May 2023 – Dec 2023

DynamoLogic Solutions, Remote

- Built a feature-rich Quran reader with complete Arabic script support, multiple font formats, phonetic transliterations, translations, audio recitations, Tajweed playback, and verse bookmarking.
- Developed embeddable dynamic Islamic widgets for external sites covering prayer times, Hijri-Gregorian converters, 99 Names, Kalimas, and Ramadan countdown — all customizable and deployable via copy-paste code.
- Built a Qibla Compass using device magnetometer with calibration logic, a location-aware Prayer Times Scheduler, and a fiqh-based Zakat Calculator.

Frontend Developer

Jan 2023 – Apr 2023

Accrual Hub, Remote

- Led ReactJS development of a form builder and chat application with a focus on smooth interactions and real-time updates.
- Improved frontend performance and resolved stability issues, resulting in a faster and more reliable user experience.
- Built a custom notification system to improve user engagement and managed all version control using Git and GitHub.

Frontend Developer

Feb 2022 – Dec 2022

Alberuni Technologies

- Built responsive interfaces using ReactJS, jQuery, and .NET across multiple projects, ensuring consistent layouts across all screen sizes.
- Handled data binding and dynamic updates using jQuery and AJAX to improve UI interactivity and performance.
- Fixed frontend bugs, improved UI behavior, and maintained version control with Git.

Junior Frontend Developer

Sep 2021 – Jan 2022

Ensacyd Technologies

- Translated Figma designs into pixel-perfect ReactJS components with visual accuracy across all devices.
- Managed component state and data flow using React Redux to ensure smooth and predictable UI behavior.

Junior Frontend Developer

Mar 2021 – Aug 2021

Granjur Technologies

- Fixed bugs and integrated APIs in ReactJS projects to ensure smooth data flow and reliable functionality.
- Designed and updated frontend components to enhance user experience and interface usability.

WordPress Developer

Jan 2020 – Feb 2021

Fiesta Digital Solutions

- Built responsive web pages using HTML, CSS, and Bootstrap with clean layouts across all devices.
- Designed and customized WordPress sites using Elementor, Beaver Builder, and Divi with a focus on UX and design consistency.

Education

Bachelor of Science: Information Technology

Oct 2015 – Oct 2019

University of Education, Lahore – Pakistan

Coursework covered web development fundamentals, networking, database management, software engineering, and modern computing principles.

Languages

English, Urdu

Skills

- **Frontend:** NextJS, ReactJS, JavaScript, TypeScript, Redux, jQuery
- **Design:** TailwindCSS, CSS3, SCSS, Material UI, Ant Design, ShadcnUI
- **AI Integration:** LLM APIs, Streaming Chat UI, AI Workflow Automation
- **API Integration:** Integrating REST APIs, authentication systems, databases, and third-party services
- **Database:** SQL, MySQL, PostgreSQL, MongoDB, Supabase, Firebase
- **Tools & Deployment:** GitHub, Git CLI, Vercel, Netlify, AWS, Google Cloud