

FAIZAN ALI

Senior Full Stack AI Developer

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PROFESSIONAL SUMMARY

Senior Full Stack AI Developer with 5+ years of experience designing and shipping end-to-end intelligent systems — from multi-LLM backends and real-time voice AI pipelines to modern SaaS frontends and enterprise multi-tenant platforms. Currently building Botsify's entire agentic AI layer, including MCP integrations, RAG pipelines, real-time voice call agents, and a Vue 3 AI management dashboard. Deep expertise across Laravel, Node.js, TypeScript, Vue, and cloud-native infrastructure (Docker, Fly.io, Cloudflare). Proven ability to independently architect scalable, production-grade AI products from concept to deployment.

CORE COMPETENCIES

- Multi-LLM System Architecture
- Real-Time Voice AI (STT/TTS)
- RAG & Vector Search Pipelines
- MCP / Agentic AI Integration
- Full Stack SaaS Development
- Microservices & API Design
- Vue 3 / TypeScript / Pinia
- Laravel / PHP / Node.js
- Docker, Fly.io, Cloudflare
- WebRTC & WebSocket Systems
- Streaming AI Response Pipelines
- Multi-Tenant Platform Engineering

PROFESSIONAL EXPERIENCE

Botsify

Senior Full Stack AI Developer

Remote

February 2026 – Present

- Architected a **multi-LLM provider engine** supporting OpenAI, Gemini, AWS Bedrock, OpenRouter, DigitalOcean AI, and Alibaba Qwen with a unified *LLMService* abstraction and dynamic per-bot provider switching.
- Built a production **real-time voice AI call system** on Node.js integrating Twilio Media Streams, Deepgram STT/TTS, and OpenAI with sub-1-second latency, user-interrupt handling, call recording, and campaign management APIs.
- Designed a full **MCP (Model Context Protocol) integration layer** enabling AI agents to connect to any MCP-compatible tool server (Google Calendar, Shopify, REST APIs) dynamically, including during live voice calls.
- Implemented **RAG (Retrieval-Augmented Generation)** with Cloudflare Vectorize for document-grounded bot responses, covering ingestion, vector storage, and semantic query pipelines end-to-end.
- Built the entire **Vue 3 + TypeScript + Pinia AI management dashboard** from scratch – 20+ views (agent chat, LLM config, guardrails, skills marketplace, visual builder, analytics) and 20+ global Pinia state stores.
- Developed a **Guardrails system** to intercept and enforce safety and business compliance rules on all AI outputs before delivery across all channels.
- Architected an **AI Skills marketplace** with auto-provisioned isolated execution environments per agent on Fly.io machines, including full skills browsing and configuration UI.
- Extended the core **Laravel multi-tenant backend** with a full agentic AI layer – new controllers, middleware, migrations, and services – without disrupting existing chatbot functionality.
- Built a **whitelabel enterprise platform** end-to-end: custom SSL domains, white-labeled auth, client billing, per-client API key restrictions, credits system, and a partner portal.
- Maintained and extended chatbot integrations for **WhatsApp, Facebook Messenger, Instagram, Telegram, Slack, and Twilio SMS** including webhooks, broadcast campaigns, and template management.

StaffViz

Full Stack Developer

Faisalabad, Pakistan (Remote)

January 2021 – September 2025

- Designed and developed **StaffViz**, a B2B SaaS workforce management platform covering recruitment, shift management, project tracking, real-time monitoring, and performance dashboards.
- Defined and enforced **SOPs for development, unit testing, performance testing, and load balancing**, standardizing engineering quality across the team.
- Architected a **real-time chat module** using Socket.io and implemented **automated multi-tenant database provisioning**, reducing new enterprise client onboarding time significantly.

- Delivered **Docker-based deployment pipelines** and microservices architecture via Laravel Octane, enabling scalable and zero-downtime releases.
- Implemented **MySQL database sharding** to improve query performance and support horizontal scaling for large enterprise accounts.
- Applied **Memcached and Redis caching** strategies to high-traffic static APIs, reducing latency and server load for enterprise clients.

PROJECTS

- StaffViz** | *Workforce Management SaaS* | staffviz.com Jan 2021 – Present
- Delivered a comprehensive HR-tech SaaS product covering **recruitment, shift management, project tracking, real-time monitoring, and performance dashboards** used by multiple enterprise clients.
 - Defined product vision and feature roadmap for 6 core modules; coordinated sprint planning and backlog grooming across frontend (Angular/Vue) and backend (Laravel, Spring Boot) teams.
 - Achieved scalable multi-company architecture supporting hundreds of organizations with isolated data environments.
- MyTailorStore** | *Custom Fashion E-Commerce* | mytailorstore.com Feb 2022 – Dec 2022
- Contributed to product strategy and technical delivery for a bespoke e-commerce platform in Thailand, enabling customers to design custom garments from **2,000+ fabric options**.
 - Defined user flows and UX requirements for the custom garment configurator, collaborating with design teams to improve conversion funnel performance.
 - Supported go-to-market feature releases and product documentation for both men’s and women’s fashion verticals.
- StreamlineMyREI** | *US Real Estate Automation Platform* | streamlinerei.com Sep 2022 – Mar 2023
- Contributed to product delivery for a US real estate platform offering **lead generation, marketing automation, and virtual operations** for real estate investors.
 - Worked cross-functionally to translate business workflows into technical requirements, supporting automation feature development aligned with US market demands.

EDUCATION

- University of Engineering and Technology** Lahore, Pakistan
Bachelor of Science in Computer Science 2016 – 2020

CERTIFICATIONS

- Mastery in Full Stack Development** – Industry Certification

TECHNICAL FLUENCY

AI & LLM: OpenAI, Gemini, AWS Bedrock, OpenRouter, Alibaba Qwen, RAG, Cloudflare Vectorize, Deepgram STT/TTS, MCP

Frontend: Vue 3, TypeScript, Pinia, React.js, Angular, HTML/CSS, Bootstrap

Backend: Laravel, PHP, Node.js, Java, Spring Boot, Hibernate, REST APIs

Infrastructure: Docker, Fly.io, Cloudflare R2, Redis, Memcached, Nginx, Twilio, WebRTC, WebSocket

Databases: MySQL, SQL, Database Sharding

Integrations: WhatsApp Cloud API, Facebook Messenger, Telegram, Slack, Instagram, Firebase Auth