

Muhammad Ibrahim

Senior Fullstack Developer

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SUMMARY

Senior fullstack developer with 5+ years shipping production web applications: real-time dashboards, multi-module SaaS, VoIP platforms, and AI-powered finance tooling. Led frontend teams, owned complete products solo, and built full backends in FastAPI and Python. Stack centers on React and Next.js (Pages Router and App Router) with TypeScript, HTML5, and SCSS on the frontend, FastAPI/PostgreSQL on the backend. Comfortable across the full delivery cycle: REST API design and consumption, CI/CD pipelines, Agile sprint delivery, and cross-browser performance optimization.

SKILLS

Frontend: React.js, Next.js (Pages Router, App Router, SSR/SSG), Vue.js, Nuxt.js, TypeScript, JavaScript (ES2022+), HTML5, SCSS, Tailwind CSS, Material UI, Zustand, Redux Toolkit, TanStack React Query, Socket.io, Framer Motion, GSAP

Backend: FastAPI (Python 3.12), Node.js, Pocketbase, WebSockets, JWT auth, REST APIs, SIP.js (VoIP)

Databases: PostgreSQL (asyncpg, SQLAlchemy 2.0, Alembic), Redis, Elasticsearch

DevOps: Docker, AWS, GCP, Vercel, GitHub Actions, CI/CD Pipelines, Celery

Tools: Git, Figma, Vitest, Agile/Scrum

EXPERIENCE

Trackoors: Real-Time Crypto Intelligence Dashboard | Freelance Jun 2025 - Jun 2026

Sole Frontend Developer | Next.js 15, React 19, TypeScript, Zustand, WebSockets, Framer Motion, Vitest, Vercel

- Designed and shipped both versions of the product as the only frontend engineer, working directly with one backend developer and one designer from first commit to production.
- Built a WebSocket pipeline with heartbeat monitoring, exponential backoff, and out-of-order message queuing so the feed never stalled or lost data under flaky connections.
- Reduced duplication across 6 entity types (tokens, tweets, profiles, URLs, Discord roles, token deploys) by designing a config-driven card system where new types plug in without touching existing handlers.
- Built a multi-layered feed filtering engine where every rule is configurable per feed and applies instantly without a page reload; deployed on Vercel with Next.js App Router SSR.
- Added an AI-powered token analysis panel and a custom alerts engine with audio notifications and configurable rules, both went from nice-to-have to daily-use within a week of shipping.

Finagent: Personal Finance AI Copilot | Personal Project Apr 2026 - Jun 2026

Full-Stack Developer | FastAPI, Python 3.12, PostgreSQL, SQLAlchemy 2.0, Alembic, Redis, Celery, Next.js, TypeScript, Vercel

- Built to solve a personal problem, ended up building a proper system: FastAPI backend with PostgreSQL, SQLAlchemy 2.0, Alembic migrations, Redis, and Celery, structured across ledger, inventory, market data, analytics, recommendations, and an AI chat domain.
- The ledger is the source of truth for everything: current holdings, net worth, investable cash, and inflation/FX-adjusted returns across crypto, PSX stocks, and gold all derive from it.

AGInfoTech | Full-time Jan 2024 - Jan 2026

Frontend Team Lead | Next.js, TypeScript, Redux Toolkit, Tailwind CSS, GSAP, Framer Motion, html2canvas, Puppeteer, FastAPI

- Led a frontend team of 4 across two enterprise SaaS products and 25+ client websites; promoted to Team Lead four months in after back-to-back employee of the month recognition. Ran fortnightly Agile sprints, code reviews, and Git branching conventions across the team.
- Built DesignerTrellis from scratch: a multi-module accounting SaaS covering general ledger, bank reconciliation, journal entries, revenue forecasting, and CSV bank import, server-side rendered with Next.js App Router.
- Built Copitch.ai (FE + BE): an AI-powered deal intelligence platform with pitch deck builder, business case builder, and PDF export pipeline using html2canvas and Puppeteer.
- Shipped 25+ animation-heavy marketing websites using GSAP and Framer Motion; styled with SCSS and Tailwind CSS, pixel-perfect against Figma designs with cross-browser compatibility and sub-2s load times.

Bottle: VoIP and Messaging Platform | Freelance, concurrent with AGInfoTech**Feb 2025 - Sep 2025****Sole Frontend Developer | Next.js, SIP.js, Pocketbase, Tailwind CSS, Vercel**

- Built a full communication platform as the only frontend engineer: SIP-based inbound/outbound calling, multi-channel messaging with media sharing and canned responses, internal team chat, and an admin panel covering user roles, number assignment, and crew management.
- Pocketbase handled the backend; the interesting work was the SIP integration and keeping calling and messaging state clean across a complex, session-driven UI.

AlphaSquad | Full-time**Nov 2022 - Jan 2024****Frontend Developer | Next.js, Nuxt.js, Tailwind CSS, Material UI, TypeScript**

- Delivered 5-6+ production web applications across client verticals in Next.js, Tailwind CSS, and Material UI; promoted from junior to mid-level within 6 months.
- Led frontend development on AEvent, a B2B webinar automation SaaS in Nuxt.js, owning 8+ product modules: a complete integrations system with 80+ third-party REST API connections (ActiveCampaign, Brevo, Zoom, GoToWebinar, ClickBank, Amazon SES, and more) with custom OAuth flows and callback window handling.
- Built AEvent's Registration form builder, Audience management, Leads system, Media library, and Settings module; built all reusable table and UI components across the product.
- Built a drag-and-drop custom template builder with live element styling, supporting 4 webinar types (Live, Evergreen, Hybrid, VSL).

EARLIER CAREER

Freelance Web Developer (Feb 2022 - Nov 2022) | Digital Marvels, Web Developer (Sep 2020 - Jan 2022)

Joined Digital Marvels as a mandatory university internship during the final year of my BS CS degree; performed well enough that they converted it into a full-time role. Built and optimized 20+ client websites in WordPress and Shopify — including e-commerce storefronts — with custom HTML, SCSS, and JavaScript. 95% on-time delivery, 98% client retention. Joined AlphaSquad in late 2022 to transition into full-code frontend development.

EDUCATION

BS Computer Science | Bahria University, Islamabad**Feb 2017 - Mar 2022**