

ALI HAMZA

SENIOR FULL-STACK DEVELOPER | TECHNICAL TEAM LEAD

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SUMMARY

Full-Stack Developer and Technical Team Lead with **5+ years of experience** building real-time, integration-heavy web applications. Specialized in **React / Next.js, TypeScript, Node.js, and GraphQL**, with deep hands-on experience in real-time systems (GetStream, Socket.IO), third-party / OAuth integrations, and AI-powered features. Currently architecting and leading a healthcare-recruitment platform built from scratch.

SKILLS

Languages	JavaScript (ES6+), TypeScript, Python, HTML5, CSS3
Frameworks & Libraries	React.js, Next.js, Node.js, Express.js, Django REST Framework, Redux / Redux-Saga, React Query, Ant Design, MUI, Tailwind CSS, styled-components
Real-time & Integrations	GetStream, Socket.IO, QuickBooks, Calendly, Africa's Talking (USSD), JWT / OTP, OAuth
APIs & Data	GraphQL (Apollo Server / Client), REST APIs, MongoDB, CouchDB
Tools	Git / GitHub, Turborepo, PM2
Practices	Reusable component architecture, design patterns (Singleton), i18n, role-based access control, code reviews, team leadership

EXPERIENCE

Reactive Code Labs — Technical Team Lead **LEAD**

Nov 2024 – Present

Godwit — AI-powered healthcare-recruitment marketplace (Next.js 14, GraphQL, Flask, GetStream)

- As **Technical Team Lead**, architected and built a two-sided recruitment platform **from scratch** as a Turborepo monorepo — a Next.js 14 web app, an Apollo Server / GraphQL API, and a Python / Flask AI service.
- Built a full **ATS-style hiring pipeline** (job-posting wizard → applicants → AI-recommended candidates → shortlist → evaluate → hire) with **AI matching** for both candidates and employers.
- Designed the candidate profile system (9 structured sections) with **AI-powered resume import** — CV upload, AI data extraction, and bulk save.
- Implemented **session-based activity logging** with per-session audit trails (UUID sessions; create/update/delete tracking) viewable by admins, grouped by login session.
- Built a **partner / affiliate integration** (GRNMA portal) using REST APIs with JWT partner tokens and an OTP verification flow for seamless candidate onboarding.
- Integrated **GetStream real-time chat** and built-in **video conferencing** for employer–candidate communication and interviews.
- Established a **reusable UI component library** and applied design patterns (**Singleton**) on the backend; led architecture decisions, code reviews, and delivery.

OptimaGeeks — Full-Stack Developer

Nov 2022 – Sep 2024

Talamus 2.0 — EMR (Electronic Medical Records) healthcare platform (Next.js full-stack, Ant Design, CouchDB)

- Worked across **frontend and backend in Next.js** (Ant Design UI, CouchDB) on a production EMR platform.
- Migrated the entire backend API layer from PHP to Next.js API routes**, modernizing the stack and improving maintainability.
- Optimized API response times**, improving overall performance and stability.
- Built new features including **USSD-based appointment booking** (Africa's Talking), **Wards Management**, and **doctor's assessment recording**.
- Resolved bugs across the existing system to stabilize the application for reliable clinical use.

MergeStack — Frontend Developer

Jun 2022 – Sep 2022

GoLogics — B2B business-advisory SaaS (React, TypeScript, AWS Amplify / GraphQL, GetStream)

- Developed the React + TypeScript web app, consuming an **AWS AppSync GraphQL API** with **Redux-Saga** state management and lazy-loaded, role-based routing (Admin, Business Owner, Advisor).
- Designed a **dynamic, branching assessment questionnaire** where each next question is conditionally determined by the previous answer, with responsive desktop and tablet layouts.
- Integrated third-party services — **QuickBooks** (accounting) and **Calendly** (scheduling) — into the platform's workflow, and built fully responsive layouts across devices.

DevBeans — Frontend Developer

Sep 2021 – Apr 2022

Security — Mobile security & device-management platform (React.js)

- Built **reseller and admin dashboards** in React.js with fully responsive layouts across mobile, tablet, and web.
- Implemented **remote device-management controls** — letting admins remotely lock/unlock devices and wipe device data.
- Developed service purchase, order printing, and a product catalog for resellers to browse and manage offerings.

RubitrnLabs — Full-Stack Developer

Sep 2020 – Aug 2021

Real-time, hardware-integrated IoT web applications (React.js, Node.js, Express.js, MongoDB, Socket.IO)

- **Smart Surveillance System** — Built a real-time employee attendance backend integrating a Python face-recognition service over Socket.IO, with a React admin dashboard for check-in/out history and weekly/monthly/yearly logs.
- **Rectifier & Battery Backup Monitoring** — Built a real-time IoT monitoring system ingesting live AC/DC/battery voltage telemetry over Socket.IO, with a dashboard of live readings, logs, and interactive graphs.
- **Home Automation System** — Built a web app to remotely control smart appliances (lights, doors, fans, AC, TV, sound system) with per-device on/off timer scheduling.
- **Smart Geyser System** — Built an IoT geyser automation app with scheduling and automatic gas-failure recovery (re-attempts ignition after a set interval).

EDUCATION

University of Central Punjab — BSCS (Bachelor of Science in Computer Science)

2015 – 2019

CERTIFICATIONS

MERN Stack — NextBridge Institute

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