HAMZA ABID

Full Stack Developer (AI & Automation)

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Professional Summary

- Full Stack Developer with **4+ years** of experience building and shipping production web platforms, from the first database table to the final deployment, with a growing focus on **AI integration and business automation** for clients across Pakistan, the United Kingdom and the United States.
- Builds AI features that people actually use: LLM integrations with OpenAI, Claude and Gemini, **RAG pipelines** over company knowledge bases, **AI agents** built on LangChain and LangGraph, and n8n workflow automation that takes repetitive manual work off support, sales and operations teams.
- Creates clean, typed interfaces in React, Next.js, Vue and Angular using TypeScript, Tailwind CSS and shadcn/ui, turning Figma designs into fast, accessible and SEO friendly pages backed by reusable component libraries.
- Designs backend services in Node.js (Express, NestJS), Python (FastAPI) and Golang, exposing them through REST, GraphQL, gRPC, WebSockets and webhooks, and connects them with event driven microservices on Kafka and Google Pub/Sub.
- Equally at home on the data and infrastructure side: schema design and query tuning in PostgreSQL, MongoDB, MySQL and Redis, containerized releases with Docker and Kubernetes, and automated CI/CD through GitHub Actions on AWS, GCP, Cloudflare and Vercel.
- Currently a **Team Lead** guiding 5 to 10 engineers through planning, reviews and releases. Has mentored 20+ developers, was named **Employee of the Year**, and works directly with clients from the first requirements call to launch day.

Professional Experience

KeepCoders · keepcoders.com

Johar Town, Lahore, Pakistan

Senior Full Stack Engineer & Team Lead (AI & Automation) Hybrid · Full Time

01/2026 to Present

- Lead a team of **5 to 10 engineers** across frontend, backend and QA, owning architecture, sprint planning, code reviews and releases for client SaaS products built on Next.js, NestJS, FastAPI and PostgreSQL.
- Designed and shipped **AI chatbots and agent workflows** with OpenAI, Claude, LangChain and n8n, plus RAG based document search on vector databases, so clients get answers grounded in their own data and leads are qualified automatically.
- Standardized delivery with Docker, Kubernetes and GitHub Actions on AWS and Cloudflare, and introduced coding standards and review checklists that lifted code quality across every project.

PROJECTS: SearchLocalPro (SaaS) | AI Chatbot & Automation Suite | Accountability Intelligence (AI SaaS) | Change Management (RAG)

Full Stack Engineer Hybrid · Full Time

02/2025 to 12/2025

- Built SaaS products, marketplaces, Web3 dashboards and React Native apps with React, Next.js, Vue, NestJS and FastAPI, integrating Stripe, Clerk, OAuth, CRM and analytics APIs over REST, GraphQL and webhooks.
- Worked directly with clients on requirements and daily updates, contributing to the **$200K+** in new business the company closed over two years.

PROJECTS: Beeanytime | Fusio Dex (Web3)

Pure Logics

Johar Town, Lahore, Pakistan

Backend Engineer (Golang & Python) Hybrid · Full Time

06/2024 to 01/2025

- Developed high throughput backend services in Golang and Python over gRPC and REST, with event driven microservices on Kafka and Google Pub/Sub for asynchronous processing and background jobs.
- Deployed and operated services on Kubernetes across AWS and GCP, and tuned PostgreSQL queries and Redis caching to keep APIs fast under production traffic.

Elite IT

Manchester, United Kingdom

Full Stack Developer (MERN) Remote · Full Time

07/2023 to 05/2024

- Built MERN stack applications for UK clients, from REST APIs in Node.js and Express to responsive React interfaces with JWT and role based access control.
- Delivered reporting dashboards, admin panels and secure file uploads, and deployed applications on AWS and DigitalOcean for a distributed team.

PROJECTS: Unilever Inventory Management

Stack Intel .IO · stackintel.io — Johar Town, Lahore, Pakistan

Software Engineer (Frontend) Onsite · Full Time — 09/2022 to 06/2023

- Built responsive frontends in React and Angular for government sector clients including PEMRA and PTV, working through structured code reviews and QA cycles on large scale systems.
- Contributed to the launch of the **PTV Flix** OTT streaming app and to Lytics, a news monitoring and sharing platform.

PROJECTS: PTV Flix (OTT) | Lytics (News Monitoring)

Technical Skills

Languages:	TypeScript, JavaScript (ES6+), Python, Golang, PHP, SQL, HTML5, CSS3
AI & Automation:	LLM Integration (OpenAI, Claude, Gemini), AI Agents, RAG, LangChain, LangGraph, Vector Databases, Embeddings, Chatbot Development, n8n, Workflow Automation, Prompt Engineering
Frontend:	React, Next.js, Vue.js, Angular, Redux, Tailwind CSS, shadcn/ui, Material UI, Bootstrap, React Native
Backend:	Node.js, Express.js, NestJS, FastAPI, Go, Laravel, Microservices, Event Driven Architecture
APIs & Messaging:	REST, GraphQL, gRPC, WebSockets, Webhooks, Kafka, Google Pub/Sub, OAuth, JWT, Stripe
Databases & ORMs:	PostgreSQL, MySQL, MongoDB, Redis, SQL Server, Prisma, Mongoose
Cloud & DevOps:	AWS (EC2, S3, Lambda, RDS, SQS, CloudFront), GCP, Docker, Kubernetes, GitHub Actions, CI/CD, Vercel, Cloudflare, Linux, Nginx
Tools & Practices:	Git, GitHub, Bitbucket, Jira, Figma, Sentry, PostHog, Cursor, Claude Code, System Design, Agile/Scrum, Code Review, Technical Leadership

Projects & Contributions

SearchLocalPro · Design & Build — searchlocalpro.com
Bilingual marketplace and job management SaaS for license verified contractors in California, with Stripe plans, invoicing and a dispatch board.

Change Management · RAG
Retrieval augmented assistant that lets teams query change management documents in plain language and get sourced answers.

AI Chatbot & Automation Suite · Build
LLM agents and n8n workflows for KeepCoders clients that handle support questions, lead qualification, reporting and CRM updates around the clock.

Personal Portfolio · Design & Build — hamzaabid.dev
Developer portfolio built with Next.js, showcasing selected client work and AI projects.

Education

Bachelor of Science in Computer Science (BSCS) — 2025 to 2029
Virtual University of Pakistan

Intermediate in Computer Science (ICS) — 2023 to 2025
Punjab College, Lahore

Awards & Certifications

Employee of the Year and 3x Employee of the Month — 2025
KeepCoders

AWS Certified Cloud Practitioner
Amazon Web Services

PCAP: Certified Associate in Python Programming
Python Institute

Scrum Fundamentals Certified (SFC)
SCRUMstudy

Full Stack MERN Development (6 month program) — 08/2021
PNY Trainings

Languages & References

Languages: English (Professional) · Urdu (Native)

References: Available upon request