

Ali Raza

Full Stack Software Engineer · Barcelona, Spain

Full stack software engineer building React interfaces, Node.js APIs, AI retrieval systems and Rust tooling.
Open to full-stack and software engineering roles in Barcelona and remote.

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ABOUT

Software engineer with experience building full-stack web applications, AI-powered systems and developer tools using React, Node.js, PostgreSQL and Rust. I like scalable software, learning new technologies, and solving hard engineering problems with collaborative Agile teams.

SELECTED WORK

MigraBot

AI & Full Stack · Active product work

An AI assistant for MigraCode Barcelona: a full-stack chatbot with authentication, real-time messaging, an admin dashboard, and Retrieval-Augmented Generation over PostgreSQL to answer bootcamp questions with context.
Built the conversation UX, the real-time Socket.io flow, the RAG retrieval pipeline, and PostgreSQL vector storage with pgvector.
React, Node.js, PostgreSQL, Socket.io, RAG, pgvector
Private repository — product work for MigraCode Barcelona.

MyGit

Systems & Developer Tools · Systems project

A Git Smart HTTP server and repository management platform with native Git compatibility, authentication, and web-based administration.
Architected the low-level Git protocol handler, the HTTP server, and the web administration panel in Rust.
Rust, Git, HTTP, JavaScript

Weather App

Frontend · Live demo

A responsive weather application with geolocation, Open-Meteo API integration, multilingual support, accessibility features, local caching, and customizable user preferences.
Shaped the UI system, state management, caching layer, and accessibility flows.
React, TypeScript, Tailwind CSS, Open-Meteo API, Zustand
weather.araza.me github.com/Ali-R-dev/Weather

2048 Game

Frontend · Live demo

A browser version of 2048 with responsive layout, crisp game interactions, and local persistence for a cleaner return experience.
Focused on state transitions, board feedback, and a mobile-friendly interaction model.
React, Redux, TypeScript, Local Storage
2048.araza.me github.com/Ali-R-dev/2048

EXPERIENCE

Volunteer Support Instructor / Full Stack Developer

MigraCode Barcelona

Mentored students in React, Node.js, APIs, and PostgreSQL while providing debugging support and participating in Agile development.

Jul 2024 – May 2026

Software Engineer – Full Stack & Internal Tools

Internal tools & freelance

Developed full-stack internal tools, backend integrations, and data-processing solutions to automate business workflows and improve operational efficiency.

2022 – Present

Mar 2021 – Dec 2021

Contributed to a React-based financial platform for global funds transfer, developing frontend features and integrating .NET backend APIs.

2018 - 2020

Developed ERP modules using .NET WinForms and SQL while optimizing application performance and database operations.

SKILLS	Languages	JavaScript, TypeScript, SQL, Rust, C#, Java
	Frontend	React, Next.js, Vite, Tailwind CSS, Redux, Zustand
	Backend	Node.js, Express.js, REST APIs, JWT, Socket.io
	Data	PostgreSQL, MongoDB, MS SQL, Prisma, pgvector
	AI	RAG, Embeddings, OpenAI API, Gemini API
	Tooling	Git, GitHub, GitHub Actions, Docker, Linux
EDUCATION	Full Stack Web Development	2023 – 2024
	MigraCode Barcelona	
	B.Sc. Information Technology	2015 – 2019
	University of Sargodha	
	Google IT Support Professional Certificate · Google	
	JavaScript Algorithms & Data Structures · freeCodeCamp	