

Joshua Elizondo Abarca

Full-Stack Developer | React | Node.js | AI

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Professional Summary

I'm Joshua Elizondo, an Information Systems Engineering student at Universidad Nacional de Costa Rica, currently completing my sixth semester out of eight. I have experience developing innovative web projects using cutting-edge technologies such as Next.js, React, TypeScript, MongoDB, and real-time communication via WebSockets. My primary interests include full-stack web development, artificial intelligence, agile methodologies, automation, and continuous integration of new tools. I'm eager to learn, expand my professional network, accept challenging opportunities, and create solutions that positively impact users' lives.

Experience

- 2024 – Present  **Freelance Full-Stack Developer.** Independent projects using React, Next.js, MongoDB, Supabase, OAuth, and AI APIs.
- 2024  **Tutor** – Universidad Nacional, Costa Rica. Provided academic support enhancing student performance and understanding.
- 2022  **Volunteer** – English Access Microscholarship Program, US Embassy, Costa Rica. Assisted in organizing educational and community-building activities.

Education

- 2023 – Present  **Bachelor's in Information Systems Engineering (Expected Graduation: 2026),** Universidad Nacional, Costa Rica.

Projects

EduIA – AI-Powered Learning Platform

- Reduced quiz-creation time by ~90% using OpenAI API.
- Real-time sessions via WebSockets handling concurrent users.
- Tech stack: Next.js, TypeScript, MongoDB Atlas, Prisma ORM, Zustand, OAuth, Zod, Tailwind, Shadcn, Sanity CMS, Railway.
- Public demo available: <https://eduia.up.railway.app/>

UNAColabora – Internship Matching Platform

- Backend development using Supabase, Prisma ORM, and REST API to match students with internships.

Projects (continued)

📌 Multiple Academic Projects – Java, Python, C++

- Developed REST and GraphQL APIs, simulations for OS, Networks, Data Structures, and Database management tasks.

Technical Skills

Languages	📌 C++, Java, JavaScript, TypeScript, SQL, PL/SQL, Python
Web Development	📌 Next.js, React, HTML, CSS, Tailwind CSS, Bootstrap
Backend & APIs	📌 Node.js, REST APIs, GraphQL, Supabase, Spring Boot, OAuth
Tools & DevOps	📌 Git, Docker, Swagger, Prisma, JWT, Railway, Vercel, Firebase
Databases	📌 MongoDB, PostgreSQL, OracleDB, MySQL
Testing & Documentation	📌 Jest, JUnit, React Testing Library, Mockito, Docusaurus
Design & UI	📌 Figma, v0, Shadcn, Lighthouse metrics

Soft Skills

- 📌 Fast learning, teamwork, problem-solving, communication, adaptability, critical thinking, creativity, time management, leadership, empathy

Certifications

2025	📌 Cisco – Operating Systems Basics Certification
2022	📌 High School Diploma – Liceo Fernando Volio Jiménez, Costa Rica
2021	📌 CI-UNA English Certificate (B2 level)

Languages

- 📌 Spanish (Native), English (B2 – Upper-Intermediate, certified by CI-UNA & US Embassy's Access Microscholarship Program)