

# David Elias Palacio

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## Profile

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Full Stack Software Engineer with 3+ years of experience architecting and delivering production-grade web applications at scale.

Expert in React, Next.js, TypeScript, and Node.js, with deep experience in Web3/blockchain integrations and cloud-based deployments.

Proven track record of owning the frontend domain, driving architectural decisions, leading performance optimization initiatives, and collaborating cross-functionally with product, design, and backend teams to ship high-impact features.

## Experience

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**Software Engineer (Frontend / Web3)**, Cryptomex – Remote June 2024 – present

- Own the frontend domain of a production-grade platform, driving architectural decisions and ensuring scalable, maintainable, and high-performance user experiences built with React, Next.js, and TypeScript.
- Designed and implemented a modular, feature-driven architecture to support long-term product scalability, improve developer velocity, and reduce technical debt.
- Architected and optimized complex data flows across multiple internal and external services, ensuring reliability and seamless user-facing interactions.
- Led performance optimization initiatives, refining rendering strategies, state management patterns, and API orchestration to enhance responsiveness and system efficiency.
- Partnered cross-functionally with product managers, designers, and backend engineers to translate business requirements into scalable technical solutions aligned with company objectives.
- Acted as a key technical contributor in high-impact initiatives, proactively identifying risks, proposing architectural improvements, and delivering production-ready solutions under tight timelines.
- Contributed to UX evolution by improving accessibility, consistency, and usability across core application workflows.
- Maintained strong engineering standards through clean code principles, structured refactoring, and long-term maintainability practices.

**Full-Stack Software Engineer**, Virtual Tech – Barranquilla, Colombia (Remote) Feb 2024 – June 2024

- Delivered end-to-end full-stack features using React, TypeScript, and RESTful services, ensuring seamless integration between frontend interfaces and backend systems.
- Acted as a cross-functional bridge between frontend and backend teams, aligning API design, data contracts, and implementation to ensure consistent and scalable data flows.
- Partnered directly with clients and stakeholders to translate business requirements into production-ready technical solutions with long-term scalability in mind.
- Contributed to cloud-based deployments and operational stability, supporting performance, monitoring, and system reliability initiatives.
- Took full ownership of feature lifecycles — from requirements analysis and system design to implementation, testing, and production release.
- Proactively identified technical bottlenecks and proposed architectural improvements to enhance maintainability and development velocity.

**Full-Stack Developer (Freelance & Independent Projects)**, Freelance – Remote Nov 2023 – Feb 2024

- Partnered directly with startups and small businesses to design, architect, and deliver production-ready web applications from concept to launch.
- Led end-to-end development across frontend and backend layers, making architectural decisions that prioritized scalability, maintainability, and performance.
- Designed and implemented RESTful APIs and integrated third-party services to support business-critical workflows.
- Managed full deployment lifecycle, including cloud configuration, environment setup, and release processes.
- Translated business goals into structured technical roadmaps, delivering solutions aligned with product and growth objectives.
- Operated with full ownership and autonomy, balancing technical execution with stakeholder communication and delivery timelines.

**Junior Software Engineer**, Somos Blumer – Barranquilla, Colombia (On-site) Jan 2023 – Oct 2023

- Strengthened foundations in frontend and backend development through hands-on training and real project contributions.
- Assisted in the development and maintenance of application features under the guidance of senior engineers.
- Participated in debugging, testing, and code reviews to improve code quality and reliability.
- Collaborated closely with team members to understand system architecture, workflows, and best development practices.
- Quickly adopted new technologies and tools, demonstrating a strong learning mindset and adaptability.

## Skills

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**Frontend:** React, Next.js, TypeScript, JavaScript, Tailwind CSS, Redux, Zustand, shadcn/ui, HTML5, CSS3

**Backend:** Node.js, NestJS, Express, REST APIs, GraphQL, PostgreSQL, MongoDB

**Web3 & Blockchain:** Wallet Integration, Smart Contract Interaction, Ethers.js, Web3.js, Blockchain APIs

**Cloud & DevOps:** Docker, Vercel, AWS, Azure DevOps, CI/CD, GitHub Actions

**Testing & QA:** Jest, React Testing Library, Cypress, Unit & Integration Testing

**Tools & Workflow:** Git, GitHub, VS Code, Cursor, Postman, Figma, Notion, Slack, n8n

**AI & Productivity:** Claude AI, ChatGPT, GitHub Copilot, Cursor AI

## Soft Skills

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**Technical Leadership:** Driving architectural decisions, mentoring, and owning technical direction

**Cross-functional Collaboration:** Effective communication with product, design, and backend teams

**Problem Solving:** Analytical thinking, debugging complex systems, and proposing scalable solutions

**Ownership & Autonomy:** End-to-end feature ownership from design to production release

**Adaptability:** Rapid adoption of new technologies, frameworks, and methodologies

## Certifications

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English C1 (Advanced) - Focus Your Mind Academy (2023)

English Program (3 Semesters) - Universidad del Atlántico, Barranquilla (2024-2025)

React - The Complete Guide - Udemy (2023)

Next.js & React - Complete Guide - Udemy (2023)

TypeScript - The Complete Developer's Guide - Udemy (2023)

Advanced CSS and Sass - Udemy (2023)

JavaScript - The Advanced Concepts - Udemy (2022)

Testing React with Jest and Testing Library - Udemy (2024)

Web3 & Blockchain Development - Alchemy University (2024)

NestJS - The Complete Developer's Guide - Udemy (2024)

## Languages

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**Spanish:** Native

**English:** C1 (Advanced - certified)

## References

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**Diego Barona** - Backend Senior Developer @ Mercado Libre | diegoh.murciah@gmail.com | +57 350 851 4803

**Gabriel Guzman** - Full Stack Senior Developer @ Rappi | +57 319 240 8239