

Jonathan Corrales Ruiz

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Profile

Full-stack Software Engineer and UX/UI designer with experience delivering enterprise web applications from concept to production. Strong foundation in object-oriented design, automated testing, and modern front-end and back-end frameworks. Experienced in building AI-powered applications that integrate large language models and intelligent features into production systems. I aim to write code that is readable, reliable, and built to last, and I enjoy collaborating closely with both engineers and product teams.

Experience

Self-employed

Alajuela, Costa Rica

Software Engineer - UX/UI Designer

01/2023 – Present

- Built a full-stack hotel reservation web application using C# and .NET with Entity Framework (ORM) and Razor views, backed by an Oracle SQL database.
- Designed and developed a developer portfolio RESTful API with Nest.js and Prisma (PostgreSQL), powering a public Next.js front-end and an Angular-based CMS.
- Developed a coffee-tour booking platform for a local business, with a Laravel back-end, a Next.js front-end, and an admin panel (MySQL), handling dynamic scheduling and availability.
- Implemented secure authentication and authorization flows using JWT and OAuth across multiple projects.
- Ensured code quality through automated testing, including unit tests with Jest and end-to-end tests with Cypress and Playwright.
- Delivered responsive, user-focused interfaces with attention to performance, scalability, and maintainability.

Centauro Solutions

Alajuela, Costa Rica

Front-End Developer - UX/UI Designer

07/2025 – 01/2026

- Led front-end development of BIPAL, a web-based auction platform connecting Latin American farmers with buyers.
- Designed and built scalable, responsive interfaces using React.js and Tailwind CSS.
- Improved the user experience by optimizing UX/UI flows, increasing usability and reducing friction in the bidding process.
- Collaborated closely with cross-functional teams in an agile environment to deliver a reliable digital product.
- Applied component optimization and best practices to ensure strong application performance.

Technical skills

- **Front-End:** React, TypeScript, Vite, Vue.js, Tailwind CSS, Bootstrap, JavaScript, Angular, Next.js.
- **UX&UI:** Figma, Adobe XD.
- **Back-End:** Laravel (PHP), C#, Python, Java, Node.js, .NET, C++, Nest.js.
- **Database:** MySQL, Oracle, SQL Server, PostgreSQL.
- **Cloud & Infrastructure:** AWS, Docker, Kubernetes (EKS).
- **Authentication & Security:** OAuth2, JWT.
- **Testing & Quality:** Jest, React Testing Library, Playwright, TestCraft, Cypress.
- **DevOps & Collaboration:** Git, CI/CD Pipelines, Confluence, Jira, GitHub Actions.
- **AI-Assisted Development:** Cursor, Claude, GitHub Copilot, MCP.

Education

- Bachelor's Degree in Computer Science and Multimedia Technology, University of Costa Rica, 2022 – 2025.

Languages

- **English** (Intermediate B2)
- **Spanish** (Native)