Oscar Antonio Rodríguez Carmona

Full Stack Developer

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PROFILE

Full stack developer based in Mexico City. I've worked as a developer since 2022, with React and TypeScript on the front end, FastAPI and Node.js on the back end, and Google Cloud with Terraform for deployment. At ArgusEye I designed the diagram layout engine in Rust and WebAssembly. Before that I was the lead developer of the Rommaana / TrustMango B2B insurance portal.

EXPERIENCE

Software Developer | ArgusEye

Nov 2025 - now

SaaS cybersecurity platform for threat modeling and regulatory compliance.

- Designed the diagram layout and edge-routing engine in Rust, compiled to WebAssembly: hierarchical layout and A* grid routing. It replaced the JavaScript version and has parity tests in CI.
- Work on the data flow diagram editor: layers, trust boundaries, connection rules between actors and assets, and keyboard shortcuts.
- Built a Slack bot from scratch in Python that lets users look up projects and threats and chat with the platform's AI copilot.
- Shipped Slack account linking and read-only API keys that revoke themselves automatically.
- Redesigned the company site in Next.js, with a custom blog editor, a careers page and technical SEO.

`React, TypeScript, Rust, WebAssembly, FastAPI, PostgreSQL, Redis, Next.js, Slack API`

Full Stack Developer | Rommaana / TrustMango

Feb 2025 - Sep 2026

Embedded insurance (Insurance as a Service) for Saudi Arabia. The brand became TrustMango in 2026.

- Lead developer of the React B2B portal: policies, products, coverages, partners, users, analytics and MFA sign-in.
- Built the claims app and its FastAPI backend: evidence uploads to Google Cloud Storage with signed URLs, SMS notifications through Twilio and role-based permissions.
- Ran the Google Cloud infrastructure with Terraform (Cloud Run, load balancer, CDN and Cloud Armor) and cut the cost of idle services.
- Led the technical side of the TrustMango rebrand: new environments and domains, an API docs portal and an English/Arabic landing page shipped in two days.

`React, TypeScript, Tailwind CSS, FastAPI, PostgreSQL, Firebase, Google Cloud, Terraform, Twilio`

Full Stack Developer | Artifields

Mar - Oct 2024

- Owned the frontend and the UX/UI design: flows, screens and components in React and SASS.
- Built REST APIs with Node.js and Express on an agile team with code reviews.

`React, SASS, Node.js, Express`

Front-end Developer | Monific

Nov 2023 - Feb 2024

- Built Angular modules and their business logic.
- Wrote APIs with Nest.js and helped document the security policies.

`Angular, Nest.js`

Computer Science Intern | Schneider Electric

2022 - 2023, 4 months

- Wrote Java and Spring endpoints for internal systems.
- Investigated and fixed critical transactions in Oracle Database.
- Built Angular components for an internal tool.

`Java, Spring, Oracle, Angular`

PERSONAL PROJECTS

Health-app | Full stack monorepo 2026
Health app with an API, a web client, a mobile app and an AI worker that processes queued jobs. github.com/EzzCream/Health-app
`Bun, TypeScript, Express, React, Expo, BullMQ, Redis, MongoDB, Zod`

PhantomSneakers | MERN store 2023
Sneaker store with a React frontend and an Express and MongoDB backend. github.com/EzzCream/HotKey
`React, Vite, Express, MongoDB, JWT, PayPal`

Backend e-commerce | E-commerce API 2022
Online store backend with Node.js, Express and MongoDB. github.com/EzzCream/Back-End
`Node.js, Express, GraphQL, MongoDB, Passport, Mocha, Twilio`

MichiStore | React e-commerce 2022
Online store for cat products. github.com/EzzCream/MichiStore
`React, React Router, Context API, Firebase`

SKILLS

Frontend	React, TypeScript, Next.js, Angular, Tailwind CSS, MUI, SASS
Backend	Python (FastAPI), Node.js (Express), Nest.js, Java (Spring), GraphQL
Systems	Rust, WebAssembly
Data	PostgreSQL, MongoDB, Redis, Firebase, Oracle
Cloud & DevOps	Google Cloud (Cloud Run), Terraform, GitHub Actions, Docker, Vercel / Render
Practices	Role and scope-based access control, JWT / Firebase authentication, Language model integrations

EDUCATION

Master's in Software Architecture, UTEL, Sep 2026 - now, In progress
B.S. in Computer Science (Informatics), UPIICSA - IPN, 2020 - 2024, Completed
B.A. in Digital Communication, UTEL, 2023 - 2026, Degree in process

COURSES

Full Stack Bootcamp, Ucamp, 7 months
React JS, CoderHouse, 4 months
Backend Development, CoderHouse, 7 months
Web Development, CoderHouse, 4 months

LANGUAGES

Spanish - Native
English - Conversational and technical: I use it every day with international teams, in code and in documentation, and I have experience in the United States.