

Hector Rosales Ortiz

Senior AI & Full Stack Engineer

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LINKEDIN | PORTFOLIO | GITHUB | HACKERRANK

EDUCATION

INSTITUTO POLITCNICO NACIONAL

NETWORKING OF COMPUTER SYSTEMS BACHELORS

2010 - 2015

Mexico

EXPERIENCE

FREELANCE (REMOTE) | SENIOR AI & FULL STACK ENGINEER

Mexico | Jan 2024 – Present

- Developed AI-powered applications, enterprise automation platforms, and multi-agent systems.
- Built RAG solutions, AI assistants, knowledge management platforms, and intelligent search systems.
- Integrated OpenAI and LLM technologies into existing business workflows.
- Designed cloud-native architectures using AWS, Azure, Docker, and Kubernetes.
- Delivered production-ready AI SaaS products and reduced operational costs through automation.

FREELANCE (REMOTE) | SENIOR FULL STACK DEVELOPER

Mexico | Nov 2020 – Dec 2023

- Designed and developed SaaS, e-commerce, logistics, and CRM platforms.
- Led architecture decisions and managed cloud deployments.
- Delivered 20+ successful client projects serving thousands of users.
- Worked directly with stakeholders throughout the product lifecycle.

UNOSQUARE | FULL STACK & MOBILE DEVELOPER

Jalisco, Mexico | Jan 2019 – Oct 2020

- Built enterprise web and mobile applications using React, React Native, and Node.js.
- Developed REST APIs, reusable UI components, and cloud-based services.
- Participated in architecture reviews, CI/CD, and production deployments.

BLUE PEOPLE | JUNIOR WEB DEVELOPER

Mexico City, Mexico | Feb 2016 – Nov 2018

- Developed responsive websites and business applications.
- Implemented frontend interfaces and backend integrations.
- Optimized performance, fixed defects, and collaborated in Agile teams.

SKILLS

PROGRAMMING LANGUAGES
LIBRARIES/Frameworks

Python, TypeScript, PHP, C++, Java, Swift, C#, Kotlin, Solidity, Javascript
React, Next.js, Angular, Tailwind, Laravel, CodeIgniter, Django, Node.js,
NestJS, Spring Boot, FastAPI, Flutter, React Native, OpenAI, LangChain

TOOLS / PLATFORMS
DATABASES

Git, AWS, Azure, Docker, Kubernetes, CI/CD, VS Code, XCode
SQL, MongoDB, PostgreSQL, GraphQL, Firebase, Supabase

PROJECTS / OPEN-SOURCE

GLOBANT | LINK

Python, FastAPI, Next.js, OpenAI, LangChain, AWS, Azure, Kubernetes

- Developed enterprise AI applications using Large Language Models.
- Built Retrieval-Augmented Generation (RAG) systems and AI assistants.

- Integrated OpenAI-based solutions into enterprise workflows.
- Designed scalable cloud-native applications.
- Led technical architecture discussions and code reviews.
- Mentored engineering teams on AI adoption and implementation.

DIDIFOOD | [LINK](#)

React, Next.js, Tailwind CSS, TypeScript, Swiper, Vercel

- Designed and implemented scalable frontend architecture using React and Next.js.
- Built reusable UI components and mobile-first interfaces using Tailwind CSS.
- Integrated Swiper-based promotional carousels and interactive content sections.
- Managed deployment pipelines and production hosting using Vercel.

RAPPI | [LINK](#)

Swift, SwiftUI, Objective-C, Java, Kotlin

- Developed native iOS and Android features for large-scale consumer applications.
- Worked across Swift, SwiftUI, Objective-C, Java, and Kotlin codebases.
- Collaborated with a 100+ member engineering organization across product, design, QA, and platform teams.
- Navigated and maintained a source codebase larger than 10 GB.
- Improved native mobile performance, reliability, and maintainability.
- Implemented monitoring and analytics solutions for mobile product behavior.

WIZELINE | [LINK](#)

React, Node.js, GraphQL, GCP, Kubernetes, PostgreSQL

- Developed enterprise SaaS products for international clients.
- Designed scalable frontend and backend architectures.
- Built microservices and cloud-native applications.
- Mentored junior engineers and conducted code reviews.
- Participated in Agile product development."

SOFTTEK | [LINK](#)

Java, Spring Boot, AngularJS, JavaScript, MySQL

- Developed enterprise software solutions for banking and retail clients.
- Created REST APIs and backend services.
- Built responsive web interfaces.
- Optimized database performance and application reliability.
- Participated in Agile software development teams.

EXPENSIFY | [LINK](#)

React Native, TypeScript, iOS, Android, macOS, Windows

- Contributed bug fixes across the open-source Expensify React Native application.
- Fixed UI issues across mobile and responsive app surfaces.
- Improved application functionality in expense management and collaboration workflows.
- Resolved Markdown rendering and content formatting issues.
- Worked across TypeScript, JavaScript, React Native, iOS, Android, and shared app logic.

GOLDEN SUISSE | [LINK](#)

Swift, Objective-C, Java, Kotlin, Nuxt.js, Vue.js, TypeScript

- Developed native mobile application features with secure banking workflows, payment processing, and account management.
- Built Nuxt.js and Vue.js web platform features for wealth management dashboards and transaction systems.
- Implemented secure authentication flows for financial account access.
- Supported multi-currency functionality and global payment workflows.
- Integrated banking APIs and real-time financial data synchronization across mobile and web experiences.

CERTIFICATIONS

- Frontend Developer (React) - **HACKERRANK**
- Software Engineer - **HACKERRANK**
- JavaScript (Intermediate) - **HACKERRANK**
- Problem Solving (Intermediate) - **HACKERRANK**
- SQL (Advanced) - **HACKERRANK**
- Node (Basic) - **HACKERRANK**