

Alberto Ochoa

Senior Software Engineer • legacy modernization + AI tooling

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PROFILE

Full-stack software engineer with 8+ years delivering enterprise web applications across frontend, backend and data layers. Recent focus: legacy modernization (WinForms + stored procedures to .NET Web APIs + React) for a US logistics client, combined with production AI tooling — custom MCP servers, agent integrations and a forensic incident-investigation methodology. Known for reverse-engineering undocumented legacy behavior and shipping modern replacements without regressions.

EXPERIENCE

Senior Software Engineer - Nexaminds

Sep 2024 – present

Enterprise CRM modernization for a large US logistics client: WinForms + stored procedures -> .NET Web API + React.

- > End-to-end ownership across 6+ quarterly releases: SQL design, API, React UI, production support.
- > Critical screens from user-visible timeouts to sub-second; led stored-procedure-to-LINQ migration and API consolidation.
- > Built MCP servers (Python + Playwright) automating ITSM ticket extraction and change-management artifacts.
- > Release support lead: production issue queue, hotfix cherry-picks, change-approval coordination.

Senior Software Engineer - Pentalog

Jul 2021 – Aug 2024

Enterprise platform managing programs, coaches and students across multiple US universities.

- > React + GraphQL interfaces with real-time feedback and automatic session handling; +15% process efficiency through automation.
- > Designed reusable component architecture and state-management patterns.
- > Presented demos directly to clients; led frontend candidate screening and technical evaluations.

Software Engineer - Edgebound

Jan 2021 – Jul 2021

Ecommerce platform features on VTEX and HCL Commerce.

- > Checkout flows, cart systems, shipping and payment integrations.
- > Sales and usage analytics dashboards.

Software Engineer - Rokode

Jun 2019 – Dec 2020

Frontend solutions for enterprise clients, including major automotive companies.

- > Employee transport tracking, event platforms, interactive plant maps — React and React Native.
- > Led a team of 4 frontend developers.

Software Engineer - Ferax

Jul 2018 – May 2019

Logistics and waste-management web and mobile applications.

- > Route scheduling and real-time vehicle tracking (AngularJS, Node.js, React Native + Google Maps).
- > Payment integrations and identity verification modules.

SKILLS

backend

.NET / C# · ASP.NET Core · LINQ · SQL Server (T-SQL, optimization) · Node.js · NestJS · PostgreSQL · Prisma · Redis

frontend React · Next.js · TypeScript · Tailwind CSS · Redux · React Native

ai/agents MCP server development · Claude API · Python · Playwright · prompt engineering · agent workflows

practices legacy modernization · API-first design · feature flags · release management · incident forensics · load testing (k6)

EDUCATION & LANGUAGES

Computer Systems Engineering — Instituto Tecnológico Superior de Chapala, México

English: fluent · Spanish: native

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