



José Miguel Torres Hernández

Senior Software Engineer | Full-Stack, Backend, Secure Delivery & AI Enablement

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CONTACT

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TECHNICAL STACK

BACKEND

Java, Spring Boot, Node.js, NestJS, Python, FastAPI, REST APIs, GraphQL.

FRONTEND

React, Next.js, Vue, Angular, TypeScript, Apollo GraphQL.

DELIVERY

CI/CD, Docker, Kubernetes fundamentals, observability, testing, release support.

SECURITY

Secure SDLC, Application Security, authentication, authorization, code reviews.

AI & TOOLING

LLM-assisted development, AI coding workflows, automation, repository instructions, Rust-oriented tooling.

LANGUAGES

Spanish

Native

English

B2, professional working proficiency

Valencian

Elementary, JQCV

PROFILE

Senior Software Engineer with a broad product engineering profile across backend, frontend, APIs, secure delivery and AI-enabled development workflows. Strong Java and Spring Boot background, complemented by Node.js, NestJS, Python, FastAPI, React, Vue, Angular, TypeScript and Rust-oriented tooling.

Comfortable moving from architecture and implementation to testing, CI/CD, observability, documentation, release support and production readiness. Focused on maintainability, code quality, security, mentoring and practical developer productivity improvements.

KEY STRENGTHS

Full-stack delivery

Backend, frontend and API work across the full software lifecycle.

Secure engineering

Security-aware delivery, AppSec mindset and production readiness.

AI enablement

Practical LLM-assisted workflows for engineering teams.

Developer productivity

Mentoring, documentation, automation and reusable delivery practices.

PROFESSIONAL EXPERIENCE

Senior Software Engineer · SNGULAR · Remote

Jul 2021 - Present

Senior engineering role across enterprise software delivery, backend and full-stack development, secure engineering practices, technical mentoring and practical AI enablement.

- Deliver enterprise software across the stack: design and build backend services, APIs, frontend integrations and platform-oriented components for demanding business and technical contexts.
- Work with multiple backend stacks: mainly Java and Spring Boot, while also contributing to Node.js, NestJS, Python and FastAPI solutions depending on project and client needs.
- Contribute to full lifecycle delivery: technical design, implementation, testing, code reviews, documentation, CI/CD workflows, release support and production readiness.
- Improve secure delivery: support authentication and authorization flows, Secure SDLC practices, Application Security reviews, risk reduction and maintainability improvements.
- Support full-stack execution: collaborate on React, Vue, Angular and TypeScript applications, connecting product requirements with reliable backend and frontend implementation.
- Mentor and enable teams: improve code quality, onboarding material, delivery practices and technical decision-making for internal and client-side teams.
- Drive practical AI enablement: apply LLM-assisted development, AI coding workflows, automation and documentation support to improve productivity in controlled and reusable ways.



CERTIFICATIONS

PSM I

Professional Scrum Master,
Scrum.org, Nov 2025

Vault Fundamentals

Thought Machine, Mar 2022

EDUCATION

Software Engineering / Information Technology

Universidad Miguel
Hernández de Elche, 2012 -
2018

PROFILE FIT

Senior Software Engineer

Full-Stack Engineer

Backend Engineer

Platform-oriented Software
Engineer

AI Enablement / Developer
Productivity

Secure Software Engineering

LINKS

linkedin.com/in/jmtrs

github.com/jmtrs

PROFESSIONAL EXPERIENCE, CONTINUED

Frontend Developer · nexum AG

Mar 2019 - Jul 2021

- Built production frontend applications: developed complex interfaces using React, Next.js and TypeScript, with focus on maintainability, performance and clean implementation.
- Integrated modern data flows: consumed data through Apollo GraphQL and collaborated with backend and product teams on web architecture decisions.
- Delivered reliable UI experiences: translated product and UX requirements into maintainable interfaces for production environments.
- Selected projects: thesting.com and manor.ch.

Freelance Web Developer · Independent Projects

2015 - 2019

- Delivered end-to-end web projects: covered implementation, deployment, client communication, CMS customization and iterative improvements for multiple clients.
- Worked across frontend and backend: built React and Redux applications, integrated REST APIs and contributed backend work in C# and PHP.
- Improved existing digital products: supported portals, booking flows, migrations, SEO improvements, performance optimization and PWA-oriented enhancements.

SELECTED TECHNICAL FOCUS

Full-stack enterprise delivery

Backend services, frontend integration, APIs, documentation, testing, release support and production-oriented execution.

AI enablement

LLM-assisted development, AI coding tools, workflow automation, repository instructions, documentation support and onboarding improvements.

Engineering leadership

Mentoring, technical documentation, pragmatic architecture, code quality and cross-functional delivery.

Secure software engineering

Secure SDLC, authentication, authorization, AppSec awareness, code reviews, risk reduction and maintainability.

Rust-oriented tooling

CLI/tooling exploration and automation work focused on reliable developer workflows, not positioned as primary commercial Rust specialization.

Cloud-ready delivery

Containerized environments, CI/CD-oriented workflows, observability and production readiness practices.

EDUCATION, CERTIFICATIONS & LANGUAGES

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Universidad Miguel Hernández de Elche,
2012 - 2018

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Scrum.org, Nov 2025 Vault Fundamentals:
Thought Machine, Mar 2022

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