

Luis Enrique Munguía Morales

Senior Full Stack Developer | Application Maintenance | Azure DevOps | AI-Assisted Engineering
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Senior software professional with 8+ years of experience building, maintaining, and evolving enterprise web applications. Strong full-stack background across Angular, TypeScript, Node.js, C#, .NET, Oracle, and modern web technologies, with hands-on experience in Azure DevOps, Git-based delivery, CI/CD practices, Docker, and application support. Uses AI-assisted engineering workflows with OpenAI Codex, Claude Code, and technical coding agents for codebase exploration, debugging, refactoring, documentation, and implementation acceleration while maintaining human review and code-quality controls.

CORE: Full Stack Development • Enterprise Application Maintenance • Azure DevOps • CI/CD • Git Flow • Docker • AI Coding Agents • Root-Cause Analysis • Agile Delivery

Professional Experience

Senior Application Maintenance Analyst | Seguros El Potosí

Aug 2025 – Present

- Maintain, analyze, and enhance business-critical insurance applications using C#, .NET, Oracle Database, and PL/SQL.
- Investigate incidents end-to-end, perform technical and root-cause analysis, and implement controlled fixes and functional improvements focused on stability and operational continuity.
- Collaborate with development, QA, technical, and business teams to coordinate solutions, validations, and production-ready changes.
- Apply AI-assisted engineering workflows using OpenAI Codex, Claude Code, and technical agents to accelerate code exploration, debugging, refactoring support, technical documentation, and implementation tasks.
- Contribute to solution design, maintainability improvements, and structured delivery practices for proprietary insurance systems.

Mid Full Stack Developer | Fortia Business Technology

2023 – Aug 2025

- Worked in a product innovation team focused on Human Resources and HR technology solutions, including Fortia Prime.
- Built modules and business applications using .NET Core, C#, JavaScript, and Webix Jet, delivering functional and UX improvements for enterprise users.
- Contributed to an express configurator designed to streamline product implementations and reduce repetitive setup work.
- Used Azure DevOps, Git-based branching workflows, code review practices, and CI/CD-oriented delivery processes within an agile product environment.
- Collaborated on special projects for enterprise clients, translating business needs into maintainable technical solutions.

Mid Web Developer | Desarrolladora Ranman

2022

- Developed and maintained websites for the company's real-estate projects and contributed to the mobile application using Ionic and the web application using Angular.
- Designed reusable UI components and visual proposals later adopted in commercial demonstrations.

Web Developer and Systems Administrator | Grupo Líder en Consultoría

2018 – 2022

- Developed corporate websites and custom business solutions using PHP, JavaScript, WordPress, and related web technologies.
- Administered Linux VPS servers, shared hosting, and dedicated environments, supporting deployments, availability, and day-to-day operations.
- Built custom WordPress modules and plugins tailored to specific business requirements.

Technical Skills

Frontend: Angular (including Angular 20), TypeScript, JavaScript ES6+, Vue.js, Tailwind CSS, HTML5, CSS3, Webix Jet, Ionic

Backend: Node.js, Express, NestJS, C#, .NET / .NET Core, PHP, Laravel

Databases: Oracle, PL/SQL, MongoDB, MySQL, SQL Server

DevOps & Delivery: Azure DevOps, CI/CD practices, Git, Git Flow, branching strategies, code review workflows, Docker, Linux VPS administration, Scrum

AI-Assisted Engineering: OpenAI Codex, Claude Code, technical coding agents, codebase exploration, debugging assistance, refactoring workflows, technical documentation, implementation acceleration, human-in-the-loop review

Quality & Testing: Mocha, Jest, Postman, API validation, maintainability and code-quality practices

DevOps & AI Engineering Capabilities

- Azure DevOps-oriented delivery: version-control workflows, traceable changes, branching discipline, collaborative review, and CI/CD practices for structured software delivery.
- Git and Git Flow: feature/release branching, merge coordination, repository hygiene, and team collaboration in multi-developer environments.
- Docker and Linux: development-environment support and operational experience with VPS/hosted environments.
- AI coding workflows: use Codex and Claude Code as engineering accelerators for repository understanding, code generation, refactoring, debugging hypotheses, documentation, and repetitive implementation tasks.
- Quality control with AI: validate generated changes through developer review, testing, business context, and existing coding standards rather than treating AI output as production-ready by default.

Education

B.S. in Information Technologies — Universidad Politécnica de San Luis Potosí (2011 – 2016)

Languages

Spanish: Native | **English:** Advanced