

# ERIK TAMAYO

## Full Stack Software Engineer | Web Solutions Architect

### Contact

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- **Location:** Monterrey, Nuevo León, México

### Top Skills

- Full Stack Development (React, Node.js)
- Microservices Architecture
- Cloud & DevOps (Azure)
- Database Management (SQL & NoSQL)
- Process Automation (n8n, Make)
- API Integration (RESTful, OpenAI)

### Key Achievements

- **Increased operational efficiency by 35%** by automating document processes in Laserfiche.
- **Reduced processing time by 50%** by optimizing React Native applications.
- **Led 5+ full-stack development projects** from conception to production deployment.
- **Implemented AI integrations** that improved user experience and generated 200+ qualified leads.

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### Summary

Full Stack Engineer with **4+ years of experience** designing and implementing end-to-end technological solutions. Specialized in microservices architecture, RESTful API development, performance optimization, and business process automation. Proven experience leading digital transformation projects and developing SaaS solutions that have improved operational efficiency by 40%. Advanced proficiency in agile methodologies and a demonstrated ability to translate complex business requirements into scalable technical solutions.

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### Experience

**Senior Full Stack Developer Grupo Motomex - Kawasaki de México** | *January 2025 - Present Web Development Department*

**Tech Stack:** React, JavaScript, Tailwind CSS, MySQL, Supabase, Azure Functions, Make, n8n, OpenAI API, WhatsApp Business API, Respond.io

- **TVS Retailers CRM:**
  - Architected and implemented an integration system for 500+ active Walmart Mexico retailers.
  - Developed modules for warranty activation and customer management.
  - Integrated Respond.io for communications automation, reducing response time by 60%.
- **My Biker TVS - WebApp with AI:**
  - Developed a web application integrating OpenAI for automatic photo editing, engaging over 2,000 users at Expomoto.
  - Achieved a 25% lead generation conversion rate during the event.
- **E-commerce Triumph The Grand Tour:**
  - Led the complete development of the website and digital marketing strategy, resulting in over \$500K MXN in sales.
  - Integrated Mercado Pago and Eventin for payment and event management.
- **Kenda System - Lead Assignment Automation:**
  - Developed a platform with an intelligent dealer assignment system using n8n and WhatsApp API.
  - Reduced lead assignment time from 48 hours to 5 minutes.

**Systems Developer DIRAM** | *November 2024 - January 2025*

- Provided specialized technical support for Zoho CRM and the Laserfiche platform.
- Led a digital transformation project that **automated 80% of documentary processes**.
- Designed business workflows that reduced processing time by 35%.

**Jr. Software Engineer Christus Latam Hub Excellence and Innovation Center** | *February 2024 - August 2024*

- Optimized the performance of the "Lexikia" React Native application, improving FPS by 40%.
- Led the development of an internal enterprise application using Microsoft Power Platform.
- Architected and deployed a web service with MSSQL on Azure, handling 10K+ daily transactions.
- Developed a deduplication algorithm that reduced duplicate records by 95%.

**Software Engineer Intern Denso** | *March 2023 - September 2023*

- Developed a complete industrial traceability system using Django REST Framework and Vue.js.

- Designed a warehouse management application with PHP 8, MySQL, and AJAX.
- Implemented an automated testing suite with 85% coverage.

### **Full Stack Developer - Oracle Next One Program Oracle** | *April 2022 - December 2022*

- Completed an intensive technical training program with 3 enterprise projects, including a hotel reservation backend with Spring Boot and a sales prediction model in Python.

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## **Technical Skills**

- **Frontend:** React, Vue.js, TypeScript, JavaScript ES6+, HTML5, CSS3, Tailwind CSS
- **Backend:** Node.js (Express), Django, Django REST Framework, PHP 8, Spring Boot
- **Databases:** MySQL, PostgreSQL, MSSQL, Oracle DB, MongoDB, Supabase
- **Cloud & DevOps:** Azure (Functions, DevOps), basic AWS, Docker, CI/CD
- **Automation:** Make, n8n, Power Automate, Zapier
- **APIs & Integrations:** RESTful APIs, GraphQL, WhatsApp Business API, OpenAI API
- **Project Management:** Jira, Azure DevOps, Scrum, Agile, Kanban

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## **Education**

**B.S. in Software and Network Design Engineering** *Universidad del Valle de México (UVM)* | 2020 - 2024

- **GPA: 9.6/10.0**

**Bachelor of Dental Surgery** *Universidad Autónoma de Nuevo León (UANL)* | 2016 - 2021

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## **Certifications & Continuous Training**

- **Oracle Next One Full Stack Program** (2022)
- **AWS Cloud Practitioner** (In progress)
- **Scrum Master Certification** (In progress)
- **Design Thinking Fundamentals** - IDEO