

Omar Galindo

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WORK EXPERIENCE

Lead Fullstack Developer

03/2024 - Current

Intelycx, México

- Designed and integrated APIs for an **AI-powered computer vision system** capable of detecting defects as small as 200 microns, enabling high-precision industrial inspection.
- Developed and optimized backend workflows using **Node.js, TypeScript, and React**, improving system reliability and performance.
- Containerized multi-service environments with **Docker Compose**, reducing integration issues by 30% and streamlining local development.
- Led the migration of a legacy Angular application to **Next.js**, introducing server-side rendering and significantly improving page load performance.
- Automated data transfer pipelines with **Python**, enabling reliable synchronization between local servers and production systems.
- Redesigned the PostgreSQL database schema, improving data organization and increasing query performance by 30%.
- Built scalable **REST APIs** and microservices, improving modularity and enabling seamless integration with external systems.

Front-end Developer

09/2022 - 02/2024

Freelancer

- Developed a custom web application that digitized manual workflows, replacing paper forms and Excel processes, increasing operational efficiency by 60% and reducing data entry errors by 80%.
- Gathered and translated requirements from multiple user groups to design optimized digital workflows and improve process standardization.
- Built an intuitive React-based user interface tailored for non-technical users, significantly improving usability and adoption.
- Integrated frontend applications with backend REST APIs built with Node.js and Express, enabling reliable data processing and system interoperability.
- Implemented interactive dashboards and performance visualizations using Chart.js, providing real-time operational insights.
- Developed a full-featured admin portal with user management, analytics, and reporting capabilities, improving administrative efficiency by 50%.
- Designed scalable data storage solutions using MongoDB, supporting efficient data access and application performance.

SKILLS, CERTIFICATIONS & INTERESTS

Technologies: React, Node.js, Javascript, Typescript, PostgreSQL, Python, MongoDB, Tailwind, Docker, Okta Auth, AWS.

Tools: Postman, Linux, Git, Figma, Bitbucket, Github, Jira.

Languages: Fluent in Spanish; Conversational proficiency in English.

Certifications: React complete course, Javascript bootcamp, AWS Monitron.

Awards: Pepsico ExCEL scholarship, Certified LSM (Mexican Signal language), Recognized for developing and presenting an innovative software-based business idea.

EDUCATION

University | Bachelor of Computer Systems Engineering specialized in Software Development

Instituto Tecnológico de Hermosillo

2017- 2022