OMAR GALINDO

Software Engineer II

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SUMMARY

Software Engineer with 4+ years of experience designing, building, and maintaining scalable, reliable, and high-performance web applications and API-driven backend services in Python, FastAPI, Node.js, C#/.NET, React, and Next.js. Experienced contributing to system architecture and technical design, participating in code and design reviews, and using testing and CI/CD practices to uphold engineering standards. Strong track record collaborating across UX, data engineering, and business teams to deliver production-ready solutions, with a growing interest in data-informed, AI-driven backend systems.

CORE SKILLS

Languages & Frameworks: Python, FastAPI, Node.js, TypeScript, JavaScript, React, Next.js, C#, .NET, Vite

APIs & Architecture: REST API Design & Development, API Integration, Microservices, Data Modeling, Authentication & Authorization

Databases: PostgreSQL, MongoDB, NoSQL Databases, Elasticsearch

Cloud & DevOps: AWS, Azure, Docker, CI/CD, GitHub Actions, Git / Version Control

Testing & Quality: Unit Testing, Integration Testing, End-to-End (E2E) Testing, Code Review

Collaboration & Tools: Agile Methodologies, Cross-Functional Collaboration, Postman, Figma, PyTorch, AI Tools

PROFESSIONAL EXPERIENCE

Fullstack Developer **March 2024 – August 2026**

Intelycx — AI-powered vision system, healthcare industry *Hermosillo, Sonora*

- Architected reusable, scalable React/Next.js frontend systems, translating requirements from a 7-10 person cross-functional team (UX designers, data engineers, account managers) into reliable, production-ready features.
- Designed and maintained 25-50 production API endpoints and microservices in Python, FastAPI, Node.js, .NET, and C#, delivering AI-driven insights and reliable, high-performance data exchange across services.
- Strengthened system reliability and security by implementing authentication and authorization protocols safeguarding data handling for 100-1,000 user accounts.
- Raised test coverage to 85% and upheld engineering standards by reviewing 5-15 pull requests per month and applying unit, integration, and end-to-end testing practices.
- Sustained a 2+ week iterative release cadence under agile methodologies using Git version control and GitHub Actions CI/CD pipelines.

Front-end Developer **September 2022 – February 2024**

Freelancer — Self-employed, various clients *Remote*

- Delivered 11-20 responsive web applications and dynamic dashboards in React, TypeScript, and JavaScript, connecting to PostgreSQL, MongoDB, and third-party REST APIs to turn business requirements into decision-ready interfaces.
- Cut the list of known bugs by 25% within the first bimester of engagement through structured debugging and unit/integration testing under agile practices.
- Partnered directly with 1-3 clients over an 18-month engagement, communicating progress and iteratively refining solutions to meet evolving business constraints.

EDUCATION

Bachelor of Computer Systems Engineering **2017-2022**

Instituto Tecnológico de Hermosillo

LANGUAGES

Spanish — Native

English — Advanced professional proficiency