Omar Alejandro Nataren Arredondo | Full Stack Engineer

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PROFESSIONAL SUMMARY

Software Engineer with experience building web and mobile applications that combine frontend development, UI/UX design, and backend fundamentals. I have worked with React and Flutter to turn Figma designs into production-ready interfaces, while also designing PostgreSQL databases and developing data-driven features for SMEs. I also have experience in AI training and prompt engineering for model evaluation.

PROFESSIONAL EXPERIENCE

Teteocán Technologies   April 2025 - Present

Junior Software Engineer   *Remote*

- **Built reusable UI and logic templates** that reduced feature development and customization time by approximately 50% for SME products.
- **Developed interactive business dashboards** used by internal teams and clients, improving visibility into key metrics and reducing manual reporting efforts.
- **Led the development of a cross-platform Flutter application**, integrating Firebase, real-time data, authentication flows, and Stripe payments, supporting a smoother user onboarding experience.
- **Designed and translated Figma UI/UX designs into production-ready React interfaces**, reducing rework and improving delivery consistency across platforms.

Outlier   June 2025 - Present

AI Training   *Remote*

- Debugged and refactored Python-based evaluation and mathematical logic, improving execution efficiency by up to 1.5× and reducing recurring error cases.
- Analyzed approximately 100 structured AI interactions through JSON-based workflows to validate inputs, outputs, and overall system behavior.
- Improved code structure and documentation to make evaluation logic easier to maintain and iterate on.

BS Ferrócarril - Database Consultant   September 2024 – December 2024

- Designed and deployed a PostgreSQL relational database, implementing schema normalization, indexing, and data migration workflows to improve catalog search efficiency and overall library operations.

Freelance   July 2025 - Present

- Led a small development team to deliver a full-stack e-commerce platform using Angular and NestJS, overseeing UI development, backend architecture, deployment workflows, and client requirements.

SKILLS & TECHNICAL TOOLS

Programming Languages: Java · Python · TypeScript · JavaScript · C · C++ · Dart · Bash · HTML/CSS · PHP
Tools & Technologies: PostgreSQL · MySQL · Firebase · NoSQL · Git/GitHub · REST APIs · Maven · Docker · AWS · Figma
Frameworks & Libraries: React · Angular · Astro · Flutter · Node.js · NestJS · Flask · Tailwind CSS
Languages: Spanish (Native), English (Advanced)

ACHIEVEMENTS

First place at Capital One track - Hackathon Genius Arena - Talent land Guadalajara 2025 April 2025

- Developed an AI-driven matchmaking app that connected professionals with clients, increasing engagement within the informal economy.
- Deployed a sustainable finance platform using AWS Cognito, Amazon RDS, S3, and SageMaker to improve financial inclusion and data-driven decision-making.

NASA Code Challenge October 2024

- Developed "Space O'Reilly", an interactive 3D solar system built with React and Tailwind CSS to promote astronomy education among indigenous communities.

EDUCATION

Bachelor of Science in Software Engineering - University La Salle   August 2023 - July 2027