Juan David Sandoval Salvador

Piura, Peru

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Education

Universidad Nacional de Piura	**Piura, Peru**
Bachelor of Science in Computer Engineering (Thesis in AI/LSTM)	*Expected Jan. 2026*
Alura Latam	**Remote**
Data Science Specialization (Scholarship Recipient)	*Nov. 2025*
HarvardX	**Remote**
CS50's Web Programming with Python and JavaScript	*Mar. 2025*

Technical Skills

Frontend Core: JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS
Frameworks & Libraries: React, Next.js (App Router), Angular 19, Astro, Redux/Signals
Backend & Tools: Node.js, Firebase, Docker, Git/GitHub, Figma (UI Design), Vercel
Testing & Quality: Jest, Chrome DevTools, Lighthouse (Performance Optimization)

Certifications

Cloud & DevOps: Oracle Cloud Infrastructure (OCI) Foundations (Oracle), Docker Training (KodeKloud)
Development: GitHub Foundations (GitHub), Frontend Formación F2G2 (Alura), Data Science G8 (Alura)

Experience

DevSandoval	**Piura, Peru**
Software Engineer (Freelance Founder)	*Mar. 2025 – Present*

— Engineered and deployed custom web solutions for SMBs, managing the full SDLC from requirement gathering to production deployment.
— Architected a Faculty Management System using **Next.js (App Router)** and **MySQL**, containerized with **Docker** to ensure consistent environments across development and production.
— Designed scalable database schemas and implemented secure RESTful APIs to handle concurrent user requests efficiently.

Chirasoft	**Piura, Peru (Remote)**
Full-Stack Developer (Freelance)	*May 2025 – July 2025*

— Led the migration of a legacy WordPress site to a high-performance **Angular 19** SPA, resulting in a measurable improvement in Core Web Vitals and user retention.
— Built a secure E-commerce MVP backend using **Spring Boot** and **PostgreSQL**, implementing **OAuth 2.0** for robust authentication and role-based access control.
— Collaborated in an agile environment to integrate frontend components with backend services, ensuring seamless data flow and UI responsiveness.

Projects

MAD AI - Enterprise User Management | *Angular 19, Clean Architecture, TypeScript*   **2025**
— Architected a scalable SPA using **Clean Architecture**, strictly decoupling Domain, Infrastructure, and Presentation layers.
— Implemented **Repository Pattern**, **Facades**, and Use Cases to isolate business logic and abstract state management.
— Engineered a granular **RBAC system** with custom Guards and Interceptors to secure routes and API requests.

UNP Campus Map (Open Source) | *Next.js (App Router), Tailwind, MySQL*   **2025**
— Developed an open-source university navigation platform using **Next.js**, optimized for the rapid search and location of faculties, schools, and pavilions.
— Designed a scalable architecture prepared for future integration of interactive maps to locate academic buildings within the campus.
— Implemented a secure administrative system for data management, containerized with **Docker** to ensure easy and consistent deployment.

GitCardX | *Vanilla JavaScript (ES6+), GitHub API, CSS3*   **2025**
— Developed a developer tool to generate dynamic GitHub profile cards, integrating the **GitHub REST API** for real-time data.
— Built a custom DOM manipulation engine in **Vanilla JS** (Zero-Dependency) to manage state and rendering efficiently.
— Implemented **HTML5 Canvas** features to enable high-quality PNG export of generated cards.