

Jesús Osbaldo Ojeda Aké

Backend-Focused - Full Stack Developer

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About Me

Backend-focused full-stack developer with production experience building authenticated APIs, event-driven systems, and scalable services across Node.js and .NET. Currently leading digital transformation at NR Proyecta, where I designed automation systems and BI dashboards that eliminated 30+ hours of manual work per month. Previously led technical decisions for a 4-person team on a healthcare backend system. Expanding into cybersecurity engineering.

Education

Universidad del Sur Campus Cancún - *Engineering in cybersecurity*.
[January 2025 - Present]

Centro de Bachillerato Tecnológico, Industrial y de Servicios (CBTIS) No. 111 - *Computer Equipment Support and Maintenance Technician*.
[August 2021 - July 2024]

Experience

NR Proyecta

Digital Processes & BI Coordinator
[June 2026 - Present]

- Transitioned from Accounting Assistant to a self-proposed technical role after identifying automation opportunities, redesigning internal operations using React, Express, Supabase, and Vercel.
- Eliminated 30 hours of manual accounting work by building custom internal systems and automation scripts with Google Apps Script and AppSheets
- Automated scheduled reminders and notifications using Python, integrating with an internal admin panel to trigger communications without manual intervention.
- Increased visibility into financial operations by designing real-time BI dashboards in Looker Studio, used directly by leadership for decision-making.

Tech stack: React, Supabase, Vercel, Python, Looker Studio, Google Apps Script, AppSheets.

ID Producciones

Full-Stack Developer - Custom System (Client Project)
[March 2026 - June 2026]

- Engaged directly by client to design and deliver a custom system from scratch, architecting a component-based frontend using Next.js and TypeScript.
- Improved code quality and consistency by introducing reusable, typed components, reducing bug reports in production by 20% post-launch.

Tech stack: Next.js, Typescript, Supabase, Vercel (auto-deployment).

Billbud

Full-Stack Developer - Temporal Contract
[August 2025 - October 2025]

- Reduced notification delivery latency by 40% by designing and implementing push notification features in Go and Flutter, integrating Firebase Cloud Messaging (FCM) into a production mobile backend.
- Improved backend maintainability and testability by applying hexagonal architecture principles, decoupling business logic from infrastructure across services.
- Strengthened cross-platform delivery by establishing reliable backend-mobile communication patterns, supporting an app currently live in production with 200 active users.

Tech stack: Go, Firebase, Supabase, Flutter, Unit Testing.

Actually Projects I have participated in

Event API Service

Backend Developer

[October 2025 - December 2025]

Contributing to the development of an event management platform focused on ticket processing and secure user interactions:

- Secured user authentication flows by implementing JWT-based token generation and validation, reducing unauthorized access attempts to event-related forms to near zero.
- Increased operational reliability by designing automated email workflows (form updates, cancellations, refunds) and writing unit tests to validate critical backend logic before deployment.
- Streamlined cross-functional delivery by collaborating with the frontend team on ticket interface improvements, cutting integration bugs by 15% across sprints.

Tech stack: Node.js, Express, MongoDB, Mongoose, JavaScript, JWT, Unit Testing.

LinkedIn Collaborative Project

LabManager

Backend Developer / Tech Lead

[September 2025 - November 2025]

Leading the backend development of a laboratory management system;

- Led backend architecture decisions as Technical Lead, improving team delivery speed by 25% by defining the tech stack, reviewing code quality, and coordinating a 4 person team under Scrum/Agile methodology.
- Secured the platform by designing a JWT-based authentication and session-handling system, validated through middleware-driven data integrity checks across all API endpoints.
- Owned the full Patient Module end-to-end, building RESTful API endpoints and documenting them with OpenAPI/Swagger to ensure smooth handoff to the frontend team.

Tech stack: Node.js, Express, Supabase (PostgreSQL), Prisma ORM, TypeScript, REST APIs, Microservices-oriented design.

Gym Management System – Personal Backend Project

[September 2025 - November 2025]

Developing a personal backend application to manage gym memberships, clients, and payments.

- Built a scalable backend system from scratch, designing a normalized database schema and implementing full CRUD operations for memberships, clients, and classes.
- Containerized the application using Docker to standardize local development across environments.

Tech stack: ASP.NET Core (Web API), Entity Framework, SQL Server, Docker.

My Skills

Technical:

- **Backend Development:** Node.js, Express, ASP.NET Core, Go, JWT Authentication, RESTful APIs, Unit Testing, Hexagonal Architecture, Software Architecture.
- **Databases:** PostgreSQL, MySQL, SQL Server, MongoDB, Redis, Prisma ORM, Entity Framework, Mongoose.
- **Frontend Development:** React js, TypeScript, TailwindCSS, JavaScript, HTML, CSS.
- **Tools & Practices:** Docker, Git, Supabase, Firebase, Scrum/Agile, OpenAPI/Swagger, Vercel.
- **Automation & Data:** Python (scripting & automation), Google Apps Script, AppSheets, Looker Studio.
- **AI-Assisted Development:** Claude Code, GPT, Gemini, DeepSeek, Kimi, Qwen. Evaluating model selection by task (code generation, reasoning, cost) for code review, debugging, and accelerated development. Currently expanding into MCP (Model Context Protocol) and context window optimization.

Soft Skills:

- Effective Communication.
- Teamwork & Collaboration.
- Problem Solving.
- Adaptability

Language:

- **Spanish:** Native.
- **English:** Conversational — actively improving