

Jesús Osbaldo Ojeda Aké

Backend Software Developer

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Education

Universidad Politécnica de Quintana Roo

[January 2025 - Present]

Engineering in information technology and digital innovation with a specialty in software development.

High School: Centro de Bachillerato Tecnológico, Industrial y de Servicios (CBTIS) No. 111

[August 2021 - July 2024]

Computer Equipment Support and Maintenance Technician.

Experience

Universidad de Caribe

Systems Support Assistant -

Internship

[May 2023 - April 2024]

- *Implementation of a preventive maintenance plan for computer equipment.*
- *On-site and remote technical support for users.*
- *Installation of network and telecommunications devices.*
- *Inventory control.*

Billbud

Full-Stack Developer - Temporary contract

[August 2025 - October 2025]

- *Applied principles of hexagonal architecture to build maintainable and scalable backend systems.*
- *Designed and implemented notification and push notification features using Go and Flutter, integrated with Firebase Cloud Messaging (FCM).*
- *Strengthened skills in backend-mobile communication, cloud service integration, and multiplatform software development.*

Actually Projects I have participated in

Collaborative Project

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:

- *Implemented authentication flow using JSON Web Tokens (JWT) to generate and validate tokens upon user login.*
- *Configured secure email delivery of JWTs to grant access to event-related forms.*
- *Designed and implemented backend logic to send automated emails when forms are updated, or when users request cancellations or refunds.*
- *Collaborating with the frontend team to enhance the ticket interface for a better user experience.*
- *Ensuring reliable and maintainable backend communication between the event system and email services.*
- **Tech stack:** Node.js, Express, MongoDB, moongoose, JavaScript.

LinkedIn Collaborative Project

LabManager

Backend Developer / Teach Lead

[September 2025 - November 2025]

Leading the backend development of a laboratory management system;

- *Designed and implemented the authentication system using JSON Web Tokens (JWT) for secure access and session handling.*
- *Developed complete validation logic using middleware to ensure data integrity and secure API operations.*
- *In charge of the entire Patient Module, including RESTful API endpoints, services, and business logic implementation.*
- *Acting as Technical Lead, managing team coordination, reviewing code quality, defining technology stacks, and overseeing backend architecture decisions.*
- *Ensuring scalability, maintainability, and adherence to best practices in backend development.*
- **Tech stack:** Node.js, Express, Supabase(PostgreSQL), Prisma ORM, TypeScript.

Gym Management System – Personal Backend Project

[September 2025 - November 2025]

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

- *Designing the database schema and implementing CRUD operations.*
- *Integrating authentication, member registration, and payment features.*

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

Huesped Reservation System – Personal Backend Project

[November 2025 - Present]

Developing a personal backend application to manage resources in hotels and manage reservations for partners.

- *Designing the database schema and implementing CRUD operations.*
- *Integration with stripe service and redis for caching.*
- *Use DDD principles and modular monolithic architecture : Domain/Application/Infrastructure layers.*
- *Integrating authentication, member registration, and payment features.*

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

My Skills

Technical:

- **Frontend Development:** HTML, CSS, JavaScript, React, tailwindcss.
- **Backend Development:** Node js/Express, FastApi, ASP. NET.
- **Databases:** SQL Server, My SQL PostgreSQL, MongoDB, redis.

Soft Skills:

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

Language:

- **Spanish:** Native.
- **English:** A2.