

# Josue Lopez Mendoza

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## Skills

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- C# | .Net | ASP.NET | SQL Server | XUnit | Azure | Git
- Angular | Python | TypeScript | Full-Stack | English B2 | Native Spanish

## Experience

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**Full Stack Developer**, Kuarctech February 2024 - August 2024

- Participated in daily meetings with the product team and stakeholders, contributing to the definition and refinement of 15+ user stories.
- Mentored and onboarded new interns by providing comprehensive system training and guidance, ensuring a smooth integration into the development team.
- Implemented data access layer using Entity Framework Core with database-first approach, optimizing LINQ queries that resulted in 40% faster response times while maintaining clean architecture principles.
- Reduced code duplication by 40% through the implementation of design patterns and creation of reusable components, resulting in a more maintainable codebase and reduced development time for new features.
- Implemented state management with NgRx in an Angular application, reducing data synchronization issues between components by 30% and improving user experience.

## Education

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**Instituto Tecnológico de Costa Rica** February 2020 - August 2024  
*Bachelor of Engineering in Computing (BE.Comp): Major in Software Engineering*  
*Minor in Computer Engineering*

## Certifications

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<b>ADVANCED C# .Net Course</b>	December 2024
<b>Building Minimal APIs with ASP.NET Core 8 and EF Core</b>	December 2024
<b>.NET Core Microservices - The Complete Guide (.NET 8 MVC)</b>	September 2024

## Projects

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**Game Rating** - GitHub Repository

- Developed a comprehensive video game management system with user reviews, rating mechanics and filters.
- Architected scalable backend using SQL Server and Entity Framework Core, implementing repository pattern.
- Implemented JWT authentication and Role-based authorization.
- Leveraged Azure cloud services: Blob Storage for game assets, CI/CD pipelines in Azure DevOps and automated deployments to App Service.
- Designed and integrated GraphQL API endpoints for optimized data fetching, reducing payload size by 40% compared to traditional REST endpoints

**Spending Tracker** - GitHub Repository

- Engineered a comprehensive financial tracking API using Clean Architecture for enhanced maintainability.
- Integrated caching system with freecurrencyapi to optimize currency conversion operations and reduce external API calls
- Implemented JWT authentication and Result Pattern for standardized error handling across the application
- Designed RESTful endpoints for expense tracking, income management and monthly balance calculations with Entity Framework Core and SQL Server