

# Ian Miranda

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## About me

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**Jr Software Developer** focused on backend development with **Java** and **.NET**. Experienced with **C#**, **ASP.NET**, and **Java** projects. Quick learner, strong communicator, and team player with a passion for clean, efficient code and continuous improvement.

## Experience

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**Jr Support Developer**, Imagine Software Solutions S.R.L – Remote May 2025 – Present

- Maintain and enhance internal applications built for an US company called ConGlobal.
- Addressing regular production bugs and implementing minor feature updates with **C#** and **.NET**.
- Perform basic **SQL queries** to validate customer data and system records within production environments.
- Work within an **Agile** environment and contribute to continuous improvement cycles using **CI/CD pipelines**.
- Collaborate with the development team to document technical solutions.

**Jr Architect Solutions**, Magic Solutions – Jaco, Puntarenas Dec 2024 – April 2025

- Determine with the customer the best hardware based on his present and future requirements.
- Provided technical guidance and support to clients, ensuring seamless integration of new technologies.
- Collaborated with the development team to create user stories defining web solutions according to client needs.
- Helped troubleshooting technical issues on clients and our own equipment.

## Projects

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**Space-Dodge** [github.com/PuzzledStone/Space-Dodge](https://github.com/PuzzledStone/Space-Dodge)

- Implemented **multi-threading** to manage individual asteroid instances and ensure continuous movement.
- Used **(X, Y)** coordinates to track and update the positions of asteroids and detect collisions with the spaceship.
- Persisted player scores in a local **JSON** file for a lightweight, human-readable save system.
- Managed dependencies and builds using **Maven**, ensuring a modular and maintainable codebase.

**Beach S.A** [github.com/PuzzledStone/Beach.SA](https://github.com/PuzzledStone/Beach.SA)

- Wrote **C#** code to handle core logic including request validation, business rules, and service-layer interactions.
- Designed and implemented a **RESTful API** using **ASP.NET Web API**, structured with the **MVC** pattern.
- Implemented **JWT (JSON Web Token)** authentication to secure protected routes and handle user sessions.
- Used **Entity Framework** for ORM (Object-Relational Mapping), enabling easier database interactions.

**Portfolio** [github.com/PuzzledStone/Portfolio](https://github.com/PuzzledStone/Portfolio)

- Developed using **React** with **Vite** as the build tool for fast local development and optimized performance.
- Utilized **JS Hooks** for managing component state and side effects in a clean and functional way.
- Implemented a **modular component structure**, making the codebase scalable and easy to maintain.
- Designed a responsive UI with modern styling to ensure usability across desktop and mobile devices.

## Skills

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**Programming & Development:** Java, Javascript, .NET, C#, HTML, CSS, Bootstrap, Tailwind CSS, React, Node.js.

**Database & Tools:** MySQL, Oracle, HeidiSQL, Microsoft SQL Server.

**Version Control & Deployment:** Git, GitHub, NPM, Composer, ViteJS, Netlify, Vercel, AWS.

**Language:** Spanish (Native), English (B2).

## Education

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**Universidad de Costa Rica** – Bachelor's Degree in Computer Science and Media Technology

July 2025