

Ian Miranda

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About me

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

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

- Optimized backend code, reducing Unit Id editing time by approximately **20%**, improving system performance and user experience.
- Documented and implemented a new **FAQ** view, cutting depots related customer inquiries by **50%** within one month in certain depots.
- Integrated internal processes with **NetSuite**, streamlining data synchronization and enhancing operational efficiency.
- Modified internal **API** endpoint to allow sending multiple units in a single request, improving processing efficiency by approximately **25%**.
- Provided immediate solutions to production issues or bugs, ensuring minimal downtime and stable system performance.

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 troubleshoot technical issues on clients and our own equipment.

Projects

Space-Dodge 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

- 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.

Skills

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

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

Version Control & Deployment: Git, GitHub, NPM, ViteJS, Netlify, Vercel, Azure, Kubernetes.

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

Education

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

December 2025