María Paula Fernández

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Costa Rica

Backend Developer - Project Manager

I'm a young woman with a great passion for technology and a strong commitment to inclusion. Since childhood, I have been driven by the desire to help others and my fascination with STEM fields. This passion led me to pursue a degree in Systems Engineering, where I have gained solid foundations in programming, databases, and project management,

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CERTIFICATES

SCRUM Fundamentals

Allowed me to learn the basics of the Agile SCRUM methodology for project management.

PROJECT EXPERIENCE

Web Application for the Public Library of Nicoya

I have been involved in the entire process, from gathering requirements and choosing the architecture to developing a REST API in NestJS connected to a MySQL database. Additionally, I designed and developed the user interfaces in React.

Project: Identity Server with Domain-Based Authentication and SQL Server

In this identity system, I was responsible for centralized authentication and authorization for multiple web applications. I implemented Identity Server along with middlewares, DTOs, and services to ensure secure and efficient user access. Additionally, the system is connected to a SQL Server database, where users are stored with their names and encrypted passwords. I also integrated authentication based on cookies and JWT, providing flexibility and security in session management.

PROFESSIONAL EXPERIENCE

Student assistant in the area of Student Promotion   **August 2023 - Present**

I am in charge of a sports group in which I have been able to improve my soft skills of teamwork, leadership, problem solving as well as continuous interaction with different people

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EDUCATION & CERTIFICATIONS

Barchelor of system enginerr
Universidad Nacional de Costa Rica
2020 - Present

Diploma Computers Applications Programming

Universidad Nacional de Costa Rica
2020 - 2024

PROFESSIONAL SKILSS

C#
Rest API`s, JWT, EntityFramework

NestJS
Rest API`s, Repository Pattern, JWT, TypeORM

Git and GitHub

SqlServer