

Danna Alvarez

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• <https://dgportfolio-one.vercel.app>

About Me

Hello, I'm Danna, and I love learning new things. I consider myself a very curious person, and whenever I see a problem, I always want to find a solution. Every challenge I face is a new opportunity to learn, contribute, and build something meaningful. This mindset has led me to become a software developer and a passionate technology enthusiast.

I chose to focus on object-oriented and strongly typed languages because they challenge me and allow me to create robust and well-structured applications. This has enhanced my way of thinking as a developer, helping me write cleaner code and follow best practices. I'm not only interested in programming but also in understanding how technology can transform people's lives.

I also find strong connections between what I do and who I am. Singing has sparked a creativity in me that I apply even when solving technical problems, and sports have taught me to be dynamic, consistent, and a team player—qualities I bring to my projects every day.

I firmly believe that my resilience has been key to becoming who I am today—a person who doesn't give up easily and always strives to create real impact through her work.

My goal is to keep growing both professionally and personally, to become the best version of myself, and step by step, shape my life to show the world that with purpose, determination, and passion, any goal is achievable.

Education

Campuslands

Technical Labor Diploma in Software Programming

Bucaramanga, Santander

09 January 2025

Adventist Institute of Cúcuta - National Learning Service (SENA)

Technical high school diploma in Computer Systems

Cúcuta, Norte de Santander

26 November 2023

Certifications

Bejob – IBM

Advanced Backend Training:
Python, Flask, Django (March -May 2025)
Issued 26 May 2025

IBM

Basic Python Concepts
Issued 01 April 2025

EF SET

English Certified (C1 Advanced)
Issued 07 February 2025

Microsoft

Azure AI Fundamentals
Issued 11 April 2025

IBM

Artificial Intelligence Fundamentals
Issued 19 March 2025

IBM

OOP in Python
Issued 01 April 2025

Microsoft

Security, Compliance, and
Identity Fundamentals
Issued 13 - March 2025

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Projects

Freelance

Breakline Courses Platform

Remote from Cúcuta
24 March 2025 - Present

- Developed the front-end of a web platform using Angular, focusing on user interface design and seamless user experience
- Integrated front-end components with back-end services to ensure smooth data flow and platform consistency
- Implemented a secure authentication system to manage user access and session control
- Designed responsive UI elements tailored to user needs, enhancing platform usability
- Collaborated with back-end developers to ensure proper API consumption and feature integration
- Utilized Git for version control and followed best practices of Git Flow to maintain clean and maintainable code

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Full Stack Project – PrestService

Bucaramanga, Santander
October – November 2024

- Developed a secure full-stack admin platform using Java, Spring Boot, React, and MySQL
- Designed reusable UI components with Tailwind and Vite for efficient form and dialog management
- Wrote clean, reusable code based on SOLID principles and performed regular code reviews
- Integrated Firebase for authentication and real-time data operations
- Implemented CRUD features and role-based access with Spring Security and JWT
- Utilized Git, Vite, and JPA/Hibernate for versioning, builds, and ORM

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Backend Project - Electrical Sales Management

Bucaramanga, Santander
September 2024

- Built a Java desktop app with hexagonal architecture for electrical sales tracking
- Implemented user authentication, role management, and CRUD functionality
- Designed intuitive UI with Swing to streamline manual operations and minimize errors

Leadership & Activities

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Student Tech Leader

Bucaramanga, Santander
August 2024

- Led a peer learning group of junior developers, organizing weekly code review and mentorship sessions
- Promoted best practices in Git, Java development, and front-end frameworks among fellow students

Skills & Interests

Technical: Git & GitHub (version control), Java (Spring Boot), Swing, SQL (MySQL/PostgreSQL), HTML, CSS, JavaScript, TypeScript, React, basic management of Android environments, technical documentation y remote work.

Language: Spanish (native), English (C1)

Interests: Languages, Sing, Volleyball, Basketball.

Soft Skills: I have led several technology projects, with the most notable being the final project of my technical training. Despite the limited time and challenges, we successfully implemented authentication using OAuth2 thanks to independent research and strong teamwork. We delivered a functional and well-structured project.