

Danna Alvarez

Labor Technician in Software Programming
Software Developer
Systems Technician

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PROFILE

Software developer focused on creating innovative and efficient solutions, driven by goal orientation and teamwork. Currently, I specialize in Java and enjoy exploring new tools and programming languages. My expertise lies in web development, however, regardless of the technology or project I am involved in, I can guarantee a proactive attitude and quick adaptability to diverse development environments. My professional goal is to contribute to projects that have a positive impact and foster development in society.

EXPERIENCE

Software Developer

Campuslands – Bucaramanga
2024

Technological Stack

- | | |
|---|--------------------------|
| • Java | • TypeScript |
| • Spring Boot (Hexagonal Architecture, Spring Security) | • JavaScript |
| • Maven | • React |
| | • Tailwind |
| | • Bootstrap |
| | • HTML |
| | • CSS |
| • JWT | • Vite |
| • MySQL | • Lit |
| • PostgreSQL | • Lombok |
| • Git | • JPA/Hibernate for ORM. |
| • Python | |

Back-end

- Developed RESTful APIs with Java (Spring Boot) and other technologies.
- Managed data persistence with MySQL/PostgreSQL.
- Optimized performance through query improvements and caching.
- Engaged in stand-ups, sprint planning, and code reviews.
- Wrote clean, reusable code following SOLID principles.

Front-end

- Built responsive UIs with React and integrated RESTful APIs.
- Used React Hooks, Context API, and CSS frameworks like Bootstrap/Tailwind for styling.

Agile Methodologies

- Scrum

PROJECTS

Full Stack Project PrestService

Campuslands – Bucaramanga
October – November 2024

Technological Stack

- Java
- Spring Boot (Web, Data JPA, Security)
- Lombok
- JWT
- MySQL with JPA/Hibernate for ORM.
- TypeScript
- React
- Vite
- Tailwind

- Built a secure full-stack admin system for services, supplies, and user data.
- Designed modular components for forms, lists, and dialogs.
- Integrated Firebase for authentication and data management.
- Implemented robust CRUD and role-based authorization with Spring Security.
- Enabled live reload with Spring DevTools.

Garment Production

Campuslands – Bucaramanga
June 2024

Technological Stack

- React
- Vite
- Tailwind
- Custom API Integration
- Developed a web app for garment production management.
- Integrated a custom API for real-time updates.
- Used React Router for navigation and Tailwind CSS for responsive design.
- Optimized performance with React hooks.

Electrical Sales Management

Campuslands – Bucaramanga
September 2024

Technological Stack

- Java
- MySQL
- Built a Java app with hexagonal architecture for electrical sales.
- Implemented user authentication, role management, and CRUD operations.
- Designed intuitive Swing UI to reduce manual effort and errors.

How much does your app cost?

Campuslands – Bucaramanga
May 2024

Technological Stack

- JavaScript
- Lit
- HTML
- CSS
- Vite
- Built a calculator to estimate web app costs based on features.
- Designed a modular Lit interface with reusable components.
- Used Vite for fast, modern development.
- Implemented a responsive design with Bootstrap.

EDUCATION

Technical Labor Diploma in Software Programming

Campuslands - Bucaramanga

2024

Systems Technician

National Learning Service (SENA) – Cúcuta

January 2022 – November 2023

CERTIFICATIONS & COURSES

Azure AI Fundamentals

Microsoft

Issued 11 – April 2025

OOP in Python

IBM

Issued 01 - April 2025

Basic Python Concepts

IBM

Issued 01 - April 2025

Artificial Intelligence Fundamentals

IBM

Issued 19 - March 2025

Security, Compliance, and Identity Fundamentals

Microsoft

Issued 13 - March 2025

English Certified (C1 Advanced)

EF SET

Issued 7 - February 2025

LANGUAGES

- English – C1
- Spanish – Native

SKILLS

- Self-taught
- Leadership
- Logical reasoning
- Teamwork
- Social Skills
- Business intelligence
- Analytic and adaptable.