

Andrés Camilo Polanía Lozano, Backend Senior | Arquitecto de Software | NestJS • Spring Boot • Django • Laravel • .Net • ReactJS • Angular • PostgreSQL • MongoDB • Docker • Kubernetes

Bogota, D.C., Capital District, Colombia, Bogota, Colombia, +573204571674, cpolania@outlook.com

LINKS

[Portfolio](#), [Linkedin](#), [Github](#)

PROFILE

Senior Backend Developer and Software Architect with over five years of experience crafting scalable, business-focused backend solutions. Expertise in designing clean architectures using technologies like NestJS, Spring Boot, and Django, alongside PostgreSQL and MongoDB databases. Skilled in applying solid software engineering principles, continuous deployment, and DevOps practices with Docker. Successfully implemented a modular architecture, reducing maintenance costs and enabling product growth. Enhanced development cycles by 40% through CI/CD automation. Led the technical development of a POS system for e-commerce, boosting operational efficiency. Open to opportunities where engineering and strategy align to create impactful products.

EMPLOYMENT HISTORY

Sept 2025 — Present

Senior Fullstack developer | Software architect, Sisprosesa

México

As a Senior Fullstack Developer and Software Architect at Sisprosesa, focused on designing and implementing robust software solutions that meet complex business requirements. Leveraged expertise in both frontend and backend technologies to create seamless and efficient user experiences. Played a key role in overseeing the architecture of scalable applications, ensuring high performance and reliability. Collaborated with cross-functional teams to drive innovation and optimize development processes, contributing to improved project delivery times.

- Led the development of a scalable web application using modern frameworks, resulting in a 30% increase in user engagement.
- Architected a microservices-based solution that improved system performance by 25%.
- Integrated automated testing tools, reducing bug-related downtime by 40%.
- Coordinated with UI/UX designers to enhance user interfaces, leading to a more intuitive user experience.
- Implemented DevOps practices, which decreased deployment times by 50%.

May 2024 — Present

Senior Backend Developer | Software Architect, Ark Platforms, Inc

Oslo, Noruega

Focused on developing backend solutions and architectural designs at Ark Platforms, Inc., with an emphasis on scalability and efficiency. Utilized a range of technologies including NestJS and Spring Boot to construct robust systems. Played a key role in implementing database solutions with PostgreSQL and MongoDB, ensuring data integrity and performance. Engaged in continuous integration and deployment processes using Docker to enhance software delivery. Collaborated with cross-functional teams to align technical solutions with business goals.

- Developed scalable backend systems using NestJS and Spring Boot, leading to improved system reliability.
- Implemented PostgreSQL and MongoDB databases, enhancing data management and retrieval speeds.
- Optimized CI/CD pipelines with Docker, reducing deployment times by 30%.
- Collaborated with teams to ensure technical solutions supported strategic business objectives.
- Led architectural design projects, resulting in streamlined processes and cost reductions.

Apr 2025 — Jul 2025

Senior Backend Developer | Software Architect, FreedomCenter S.A.S

Manizales, Caldas, Colombia

Focused on developing scalable backend systems and architecting software solutions tailored to business needs. Utilized technologies such as NestJS, Spring Boot, and Django to design robust applications. Led efforts to streamline deployment processes, incorporating CI/CD practices to enhance efficiency. Contributed to database management using PostgreSQL and MongoDB to ensure data integrity and performance. Collaborated with cross-functional teams to deliver high-quality software products.

- Implemented modular architecture, reducing maintenance costs by 20% and improving scalability.
- Automated deployment processes, decreasing release times by 30% using CI/CD tools.
- Developed backend solutions that enhanced system reliability and user experience.
- Managed database systems, optimizing queries to improve performance by 25%.
- Worked closely with stakeholders to align software architecture with business goals.

Senior Fullstack Software Developer, SIMORA SAS

In the role of Senior Fullstack Software Developer at SIMORA SAS, focused on building and maintaining robust software solutions. Engaged in both backend and frontend development to deliver comprehensive applications. Utilized technologies such as ReactJS and Node.js to enhance user interface and backend functionality. Collaborated with cross-functional teams to ensure seamless integration and optimal performance. Contributed to the creation of scalable architectures that supported business growth and improved product efficiency.

- Developed full-stack applications using ReactJS and Node.js, enhancing user experience and backend efficiency.
- Led the integration of new features, reducing load times by 30% and improving system performance.
- Collaborated with design and product teams to align development efforts with business objectives.
- Implemented automated testing frameworks, increasing code reliability and reducing bugs by 20%.
- Optimized database queries, improving data retrieval speeds and system responsiveness.

EDUCATION

Jan 2025 — Jan 2027	Maestría en Arquitectura de Software in Computer Software Engineering, Politécnico Grancolombiano
Jan 2020 — Jan 2025	Ingeniería de Software in Ingeniería de software, Politécnico Grancolombiano
Jan 2022 — Jan 2022	Curso de Backend con ExpressJS in Ingeniería de software, Coderhouse
Jan 2021 — Jan 2022	Curso ReactJS in Ingeniería de software, Coderhouse
Jan 2021 — Jan 2021	Curso Javascript in Ingeniería de software, Coderhouse

SKILLS	CI/CD	Skillful	Kubernetes	Experienced
	PostgreSQL	Experienced	Linux	Experienced
	Docker	Experienced	NextJS	Skillful
	Spring Boot	Expert	Angular	Expert
	NestJS	Expert	Django	Experienced
	ReactJS	Expert	Laravel	Skillful
	.NET	Expert	MongoDB	Skillful
	UX/UI	Skillful		

PROJECTS

novalogic.com.co

This is an internal enterprise resource planning (ERP) software with a multitenancy approach that manages the entire lifecycle of retail product sales, from point of sale (POS) to delivery logistics. It is currently operational.

Present

loomer.com.co

SaaS platform for internal management of barbershops, hair salons, and beauty centers, currently in development, which includes AI automation, scheduling, POS, inventory, client management, and workspace management.

vinkcol.shop

A system for creating web pages easily and quickly for entrepreneurs and businesses.