

John Steven Bernal Gonzalez

Bogotá, Colombia · [linkedin](#) · +57 319 458 89 25 · bernalgonzalezjohn@gmail.com

Full Stack Java Developer with over 5 years of professional experience in software development. Specialized in Java, Spring Boot, and modern architectures focused on microservices. Initially self-taught, I enhanced my profile by completing Misión TIC 2022, an intensive bootcamp-style program sponsored by the Government of Colombia, where I led the development of complete web solutions using Django, Vue.js, GraphQL, and both relational and NoSQL databases. Currently working at Artifex, where I lead the development and migration of banking and healthcare systems, applying testing practices, clean architecture, and agile methodologies. Passionate about solving technical challenges, contributing leadership, and building robust, impactful solutions.

KEY SKILLS

- **Back-end:** Java 8-21, Spring Boot, Spring Security, Spring Data, JWT , Hibernate, JPA, Python.
- **Front-end:** Vaadin, Angular, React, Astro, JavaScript, TypeScript, HTML5, CSS3, Bootstrap, Tailwind, JSP, GWT.
- **DevOps & CI/CD:** Docker, Jenkins, GitLab.
- **Databases:** PostgreSQL, MySQL, SQL Server, MongoDB.
- **Testing:** JUnit, Mockito, Test de integración, Pruebas unitarias en Java.
- **Architecture:** Microservices, REST APIs, Clean Architecture, Onion.
- **DevOps & Tools:** Git, GitHub, GitLab, Apache POI, Figma, Miro, ChatGPT , Codium.
- **Methodologies:** Scrum, Collaborative Work, Technical Leadership, Technical Documentation.

Professional Experience

Artifex Tech

Full Stack Java Developer

Medellín, Colombia

March 2022 – May 2025

- Led the migration of a legacy banking system from Visual Basic to a modern web architecture using Spring Boot, Vaadin, Bootstrap, and SQL Server, ensuring business continuity and improving maintainability.
- Developed new functionalities such as bank reconciliations, fund management, and financial reports using Apache POI for Excel file generation.
- Designed and implemented healthcare system features such as child growth visualization using Java 8, GWT, JSP, SQL Server, and JFreeChart.
- Actively participated in unit and integration testing to improve software quality.
- Collaborated closely with agile teams focused on continuous delivery and technical improvement.

Education

National University of Colombia – Misión TIC 2022

- Web Application Development

Bogotá, Colombia

December 2022

Certifications

Platzi

- Java Spring Security: Web Authentication and Security
- Java Spring Data JPA: Databases
- Java Spring Course

Highlighted Projects

- COVID-19 Vaccination System (Django + Vue + PostgreSQL + GraphQL): Citizen registration and query application developed during Misión TIC..
- Migrated Banking Platform (Spring Boot + Vaadin): Modernization of legacy app with new functionalities such as reconciliations and fund management.

Professional and Personal Skills

- Languages: Spanish (Native), English (Intermediate Technical)
- Communication, Leadership, Teamwork
- Interests: Soccer, Running, Basketball