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# BRUNO LOPEZ

## *Sr Back End Developer*

### Contact Info

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### Profile

Sr Back End Developer with 10 years of experience focused on Java solutions. Skilled in designing and coding microservices, developing RESTful services, and handling feature implementation across complex systems using Java versions 8 through 21 and the Spring ecosystem. Brings strong testing expertise with tools like JUnit and Mockito, plus familiarity with pipelines via Jenkins, OpenShift, Gitlab and Azure DevOps. Competent in database tasks with PostgreSQL and SQL Server, covering optimization, queries, and procedures. Also experienced with technologies like Docker, Kafka, and JWT, and has additional background in frontend work with Angular and knowledge of Scala.

### Skills

Java, Spring Boot, Spring Security, Spring Logging, Spring Test, Angular, JavaScript, jQuery, Scala, JWT, CI/CD, OpenShift, Jenkins, Git, Keycloak, Azure DevOps, Junit, Mockito, PostgreSQL, SQL Server, ElasticSearch, Azure, AWS, Microservices, Apache Kafka, RabbitMQ, Docker.

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### Professional Experience

#### *Back End Developer*

**Baufest** | February 2025 – Present

*Founded in Argentina in 1991, Baufest is an IT consulting and software development company serving clients in industries like finance, healthcare, and retail.*

**Client| Warner Bros Discovery** | October 2025 – Present

*Content Distribution platform within the Media Supply Chain ecosystem, developing and maintaining microservices used for distributing content and metadata to clients and internal systems.*

- Development and maintenance of backend microservices for the Content Distribution API.
- Implementation of asynchronous messaging using Kafka and Spring-based queues.
  - Work with Jenkins pipelines and deployments on AWS infrastructure.
  - Migration of an entire microservice from Java 8 to Java 17, including dependency upgrades, Gradle adjustments, and the formal documentation of the procedure for future application across other services in the ecosystem.

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**Client: INVAP | February 2025 – October 2025**

*Participation in the development of the backend system for civil and military radar solutions, working within a distributed microservices ecosystem with real-time communication*

- Development of new backend services and enhancement of existing integrations within the radar system.
- Implementation of logic for receiving, processing, and publishing real-time data coming from multiple physical radar components.
- Direct work with ASTERIX protocols, proprietary communication protocols, and asynchronous messaging based on RabbitMQ.
- Development of a critical API to integrate a radar module provided by an external vendor, unifying communication protocols and exposing the information to higher system layers.
- Continuous interaction with hardware modules, handling telemetry, events, and operational states
- Work in a high-availability environment with a redundant (duplicated) architecture designed for fault tolerance.
- Continuous Integration and Continuous Deployment practices with GitLab CI/CD, microservices in Docker, authentication with Keycloak and WebSocket communication
  - Main technologies used:
    - Java 11/17/21, Spring Boot, RabbitMQ, Docker, GitLab CI/CD, Maven, Keycloak, Drools, WebSocket, ASTERIX protocols.

***Back End Developer*****Babel | November 2023 – February 2025**

*Babel is a Spanish technology consulting firm established in 2003, offering software development, digital transformation, and IT services.*

**CLIENT | ING BANK**

- Design of the architecture and development of a service-oriented application using a RESTful architecture.
- Software integration of internal projects with third-party systems, including the development of new functionalities for the telephony platform.
- Technical advising of the team regarding tasks, requirements, and software-related issues.
- Main technologies used:
  - Java, Scala, Spring Boot, Internal Programming Language(DSL), SQL DB2, PostreSql, Azure Cloud, Git, OpenShift.

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## Java Developer

### Right Partner | November 2020 – November 2023

*RightPartner, founded 2019, Argentinian company who assist healthcare companies based on América Latina with digital IT process*

#### CLIENT | Sancor Salud

- Designed and developed application services with RESTful architecture, integrating internal software projects with third-party projects.
- Provided technical advice regarding software tasks, needs, and issues.
- Main technologies used:
  - Java, Spring Framework, Spring Boot, SQL Server, Hibernate, Git, JBoss, OpenShift.

## Full Stack Developer

### Colegio de Farmaceuticos de Salta | September 2019 – April 2020

*The Colegio de Farmacéuticos de Salta is a professional association in Argentina representing pharmacists in the province of Salta.*

- Designed, developed, and directed software solutions to manage control and billing of medicines sold by approximately 50 affiliated pharmacies.
- Trained professionals to work with new technologies required by the project.
- Main technologies used:
  - Java, Spring Framework, Spring Boot, SQL Server, Hibernate, Git, Apache Tomcat, IIS, JavaScript, Angular, HTML5, CSS3.

## Full Stack Developer

### Instituto Provincial de Salud de Salta | July 2011 – June 2022

*Founded in Argentina, the Instituto Provincial de Salud de Salta is the provincial health insurance organization providing medical coverage and health services to public employees and residents of Salta.*

- Developed a web project serving provincial branches, enabling affiliates to pay for services provided by the institution.
- Maintained software and databases.
- Provided consulting services to users of the developed web application.
- Main technologies used:
  - .NET, C#, SQL Server, Team Foundation, IIS, JavaScript, jQuery, HTML, CSS, Bootstrap.

## Previous experiences (2015 - 2017)

- **Fullstack Web Developer | Integra Media & JBKnowledge**

Maintained and updated bid construction software as part of a 9+ member team,

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utilizing .NET, C#, SQL Server, JavaScript, jQuery, HTML5, CSS3, Bootstrap, and an internal JavaScript framework to serve primarily US-based clients.

- **Teacher | Codesa Elementary School**

Conducted introductory programming and web design workshops for elementary school students at Codesa Elementary School in Salta, Argentina, using HTML5, CSS3, JavaScript, and Scratch.

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## **Education**

Bachelor's Degree in Computer Science | Universidad Siglo XXI

*2019 – On going*

University Analyst in Information Systems | Universidad Siglo XXI

*2015 - 2019*