

BRUNO LÓPEZ

Senior Back End Developer | Bachelor's Degree in Informatics

Contact

Email: bruno.lopezcross@gmail.com

Phone: +5493875904304

Website: www.brunolopezcross.com

Professional Summary

Backend Developer with over 12 years of experience in software development, specializing in Java and the Spring ecosystem. Experienced in designing and developing microservices, REST APIs, and distributed systems using Java 8 through 21. Strong knowledge of testing with JUnit and Mockito, CI/CD with Jenkins, GitLab CI/CD, and Azure DevOps, and deployments on OpenShift. Experience with PostgreSQL and SQL Server databases, Docker, Kafka, and AWS. Additional development experience with Python, AWS Lambda, and Angular.

Technical Skills

Java, Spring Boot, Spring Security, Spring Test, Maven, Gradle, Angular, JavaScript, jQuery, JWT, CI/CD, OpenShift, Jenkins, Git, Keycloak, Azure DevOps, JUnit, Mockito, PostgreSQL, SQL Server, Elasticsearch, Azure, AWS, Microservices, Kafka, RabbitMQ, Docker, Python, Chalice, AWS Lambda, SNS, SQS.

Professional Experience

Backend Developer

Baufest | February 2025 – Present

Founded in Argentina in 1991, Baufest is an IT consulting and software development company providing services to clients across industries such as 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 to distribute content and metadata to clients and internal systems.

- Development of backend APIs and microservices.
- Asynchronous processing using Kafka, SNS, and SQS.
- Migration of microservices from Java 8 to Java 17 and Java 21.
- Worked with Jenkins pipelines and AWS services.
- Development of AWS Lambda functions using Python and Chalice.
- Development and maintenance of frontend features using Angular.
 - **Key Technologies:** Java 11/17/21, Spring Boot, Kafka, Python, Chalice, Angular, AWS Lambda, SNS, SQS, S3, IAM, Docker, Jenkins, Gradle.

Client | INVAP | February 2025 – October 2025

Contributed to the backend development of civilian and military radar systems, working within a distributed microservices ecosystem featuring real-time communication and redundant architecture.

- Development of new backend services and improvement of existing integrations within the radar system.
 - Implementation of logic for receiving, processing, and publishing real-time data from multiple physical radar components.
 - Worked with ASTERIX and proprietary communication protocols, as well as RabbitMQ-based asynchronous messaging.
 - Development of a critical API to integrate a radar module provided by an external vendor, unifying communication protocols and exposing information to higher layers of the system.
 - Continuous interaction with hardware modules, handling telemetry, events, and operational states.
 - Working in a high-availability environment with an architecture designed for fault tolerance.
 - Continuous Integration and Continuous Deployment practices using GitLab CI/CD, Docker-based microservices, authentication with Keycloak, and WebSocket communication.
 - **Key Technologies:** 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 company founded in 2003, providing software development, digital transformation, and IT solutions.

Client | ING Bank

- Designed and developed a service-oriented application using RESTful APIs.
 - Integration of internal software projects with third-party systems, including the development of new features for the telephony platform.
 - Provided technical guidance to the team regarding tasks, requirements, and software-related issues.
 - **Key Technologies:** Java, Scala, Spring Boot, Internal Programming Language (DSL), DB2, PostgreSQL, Azure DevOps, Git, OpenShift.
-

Java Developer

RightPartner | November 2020 – November 2023 | Contractor

Founded in 2019, RightPartner is an Argentine company supporting healthcare organizations across Latin America in their digital transformation processes.

Client | Sancor Salud

- Design and development of RESTful application services, integrating internal projects with third-party services for the electronic prescription platform.
 - Responsible for developing and maintaining a new microservice that centralized and controlled electronic prescription traffic nationwide, consolidating multiple sources and ensuring end-to-end traceability.
 - Implementation of critical integrations between internal systems and external providers, handling validations and high-concurrency workflows.
 - Execution of API stress and performance tests, including scenario definition, bottleneck analysis, and optimization recommendations.
 - Used OpenShift for deployment, environment configuration, and operation of containerized services.
 - **Key Technologies:** Java, Spring Framework, Spring Boot, SQL Server, Hibernate, Git, JBoss, OpenShift.
-

Full Stack Developer

Colegio de Farmacéuticos de Salta | September 2019 – April 2020 | Freelance

A professional association representing pharmacists in the province of Salta, Argentina.

- Design, development, and technical leadership of software solutions for managing and billing medication sales across approximately 50 affiliated pharmacies in the province of Salta
 - Training professionals in the new technologies required for the project.
 - **Key Technologies:** Java, Spring Framework, Spring Boot, SQL Server, Hibernate, Git, Apache Tomcat, IIS (Internet Information Services), JavaScript, Angular, HTML5, CSS3.
-

Full Stack Developer

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

It is a provincial health insurance organization providing healthcare coverage and services to public employees and residents of Salta, Argentina.

- Developed a web application for provincial branches, enabling members to pay for services provided by the institution.
- Design and maintenance of SQL Server databases, including table design, data modeling, complex queries, stored procedures, and general database maintenance.
- End-to-end development of application features, covering analysis, design, implementation, testing, and deployment.
- Integration with multiple existing systems, including legacy desktop applications, older web services, third-party software, and processes involving banking institutions and internal administrative departments.
- **Key Technologies:** .NET, C#, SQL Server, Team Foundation, IIS, JavaScript, jQuery, HTML, CSS, Bootstrap.

Previous Experience (2015–2017)

- **Full Stack Web Developer | Integra Media & JBKnowledge**

Maintenance and enhancement of bidding software for clients in the US construction industry, working within a team of more than nine members. Technologies included .NET, C#, SQL Server, JavaScript, jQuery, HTML5, CSS3, Bootstrap, and an internal JavaScript framework.

- **Programming Instructor | Codesa Primary School**

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

Education

Bachelor's Degree in Informatics (Licenciatura en Informática) | Universidad Siglo XXI | 2026

University Degree in Information Systems (Analista Universitario en Sistemas de Información) | Universidad Siglo XXI | 2019