

# Juan Francisco Ramírez Escobar, Software Engineer

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## PROFILE

Systems Engineer and final-year Data Science student (Pontificia Universidad Javeriana, Bogotá) with B2 English and professional back-end experience in Java/Spring Boot. Skilled in building microservices on AWS, event-driven (Pub/Sub) integrations, REST APIs, and PostgreSQL; complemented by knowledge of mobile development and machine learning. Focus areas include cloud computing, asynchronous communication, and algorithmic problem solving. Strong communicator and collaborative teammate with proven adaptability, ownership, and problem-solving skills in agile (Scrum) environments, motivated to learn and improve every day while delivering high-quality results.

## EMPLOYMENT HISTORY

Jul 2025 — Present	Custom Software Engineer Associate, Accenture	Bogotá
	<ul style="list-style-type: none"><li>Actively contributed to the Tax Certificates Project, implementing back-end functionalities using Java and Spring Boot within a microservice architecture.</li><li>Integrated asynchronous communication events, leveraging Publisher-Subscriber patterns to support project interactions.</li><li>Delivered project features involving the client's cloud service infrastructure (AWS).</li><li>Managed and incorporated template-based PDF document generation and automated email delivery.</li></ul>	
May 2025 — Present	Cofounder, IArtificialCOL	Bogotá
	<ul style="list-style-type: none"><li>Co-founded IArtificialCOL, a startup focused on automating high-volume operational workflows for SMEs and retail/gastronomy businesses through conversational agents, generative AI, and custom automation pipelines, reducing operational costs.</li><li>Designed and implemented end-to-end workflows integrating Chatwoot, Evolution API, WhatsApp Business, AWS, n8n, and PDFMonkey to support messaging automation, catalog interaction, bookings, payments, and intelligent human handoff.</li></ul>	
Oct 2024 — Jun 2025	Software Developer, CC Sistemas	Bogotá
	<ul style="list-style-type: none"><li>Developed and maintained Java-based back-end services, implementing core business logic and REST APIs for enterprise systems.</li><li>Managed relational databases (PostgreSQL), writing SQL queries, ensuring data consistency.</li></ul>	

## EDUCATION

Jan 2021 — Nov 2025	Systems Engineering, Pontificia Universidad Javeriana	Bogotá
	GPA: 4.5/5   Honors Thesis <ul style="list-style-type: none"><li>Teacher Assistant of courses such as Advanced Programming, Software Analysis and Design and Informations Systems in Organization, offered by the engineer faculty of the university.</li><li>Led sessions for over 50 students on software engineering concepts.</li><li>Association for Computing Machinery, Chairman (2023): Developed and led comprehensive workshops on advanced programming and programming fundamentals for 300+ students</li></ul>	
Jan 2024 — Nov 2026	Data Science, Pontificia Universidad Javeriana	Bogotá
	GPA: 4.2/5	

SKILLS	Java, C++, Dart, Kotlin, Python SQL, PostgreSQL, MongoDB Go, JavaScript, TypeScript, C#	Skillful Skillful Beginner	Git, GitHub, BitBucket AWS, Google Cloud, Docker Redis, RabbitMQ	Skillful Beginner Beginner
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LANGUAGES	Spanish	Native speaker	English	Highly proficient
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