ANDRÉS FELIPE LARA BUENDÍA

SOLUTIONS ARCHITECT | APPLIED AI & WORKFLOW AUTOMATION | CLOUD ENGINEERING

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PROFESSIONAL PROFILE

Solutions Architect and hands-on engineer with 15+ years in software delivery, enterprise integration, workflow automation and cloud platforms. At Rabobank, pioneered Camunda adoption and personally implemented production Customer Due Diligence (CDD) workflows while owning Azure solution architecture across three squads. Independently built an AWS-hosted AI application for legal-document analysis using OpenAI, Anthropic Claude and Camunda. Previously architected regulated AWS serverless automation processing 100,000+ invoices monthly. Combines business-facing problem solving, API engineering, security-minded delivery and an MBA.

CORE EXPERTISE

Applied AI & automation: OpenAI API, Anthropic Claude API, Camunda BPMN/DMN and AI connectors, LLM workflows, document analysis, structured prompts, LLM-as-a-Judge evaluation, human review, AWS Step Functions

Software & delivery: Python, Java, Spring Boot, JavaScript/TypeScript, REST APIs, JSON, GitHub Actions, CI/CD, testing, AWS CDK, CloudFormation, Infrastructure as Code, Power BI, stakeholder collaboration

Cloud & security: AWS, Microsoft Azure, AWS Lambda, PostgreSQL, Kafka, Kong API Gateway, S3, Cognito, Aurora Serverless v2, ECS/EKS, OAuth/OIDC, authorization, encryption, architecture governance

INDEPENDENT APPLIED AI PROJECT

Legal Document Analysis & Decision Support | Personal AWS project — **Independent project**

- Designed, coded and deployed a full-stack application on AWS to summarize and analyze public and synthetic legal documents and support human-reviewed case assessment and client-approach decisions.
- Integrated OpenAI and Anthropic Claude APIs via Camunda AI connectors, combining BPMN workflow orchestration, DMN business rules and structured LLM responses.
- Implemented frontend/backend, infrastructure as code, access controls, encryption, tests and GitHub Actions CI/CD; reviewed outputs manually and with a second LLM evaluator. Developed using a specification-driven approach with Claude Code and Codex.

PROFESSIONAL EXPERIENCE

Solutions Architect | Rabobank — **Nov 2022 – Present**

Utrecht, Netherlands

- Pioneered the adoption of Camunda for Customer Due Diligence (CDD) in Financial Economic Crime: selected the platform, designed and personally implemented BPMN workflows now running in production, and automated previously manual activities.
- Standardized cross-application CDD process orchestration using API- and event-driven integrations, guiding three engineering squads (~15 developers) and aligning architecture decisions with business and technical stakeholders.
- Own end-to-end architecture for a greenfield Customer Risk Rating System of Record on Azure; selected PostgreSQL, Kafka and Kong from enterprise-approved technologies and defined secure API access and event notifications.
- Defined non-functional requirements for availability, disaster recovery, performance, security and portability; delivered core database, API and event components to production ahead of dependent applications going live.

Cloud Engineer | WoodWing Software B.V. — **Jul – Oct 2022**

Amsterdam, Netherlands

- Implemented and deployed AWS CloudFormation-to-CDK infrastructure changes to production; automated Lambda and networking infrastructure and contributed to RDS PostgreSQL-to-Aurora Serverless v2 migration.

PROFESSIONAL EXPERIENCE (CONTINUED)

Solution Architect | Adidas Group — **Apr – Jun 2022**

Bogotá, Colombia

- Improved Adyen payment integration architecture and designed a reusable checkout API interface for regional e-commerce requirements across Japan, Eastern Europe and the Middle East.

IT Solution Architect Lead | Scotiabank, Wealth Management — **May 2021 – Mar 2022**

Bogotá, Colombia

- Designed and delivered a production Spring Boot REST API layer for Portfolio Management, modernizing ~10–20 legacy SOAP services and reducing integration complexity in Oracle-based on-premises systems.
- Guided 5–8 developers through design and implementation; collaborated with Enterprise Architecture and reviewed Financial Advisory solutions for technical alignment.

Cloud Architect | Seguros Bolívar / Grupo Bolívar — **Jan 2020 – May 2021**

Bogotá, Colombia

- Owned architecture and production delivery of a regulated AWS serverless electronic invoicing platform processing 100,000+ invoices/month; orchestrated collection, delivery and error recovery with Lambda, Step Functions and operations escalation.
- Co-designed and delivered a cloud-native insurance portal with S3, API Gateway and Cognito; owned architectural redesign of a Spring Boot microservices-based Health Insurance platform using Lambda, ECS and EKS.
- Defined an initial Master Data Management architecture for shared reference/catalog data and handed off the design to engineering.

Business Consultant (MBA Internship) | Mecanizados Sinc & Jover+Valls — **Feb – Oct 2019**

Alcoy, Spain

- Built an ERP-integrated Power BI application adopted by management for operational KPIs and profit-and-loss reporting; developed custom Python ERP modules.

IT Architect | Seguros Bolívar / Grupo Bolívar — **Feb 2016 – Aug 2018**

Bogotá, Colombia

- Co-defined REST/SOAP integration standards adopted across Grupo Bolívar companies; designed Oracle SOA/Java integrations and co-designed Cloudera-on-AWS architecture through technical proofs of concept.

IT Architect | Colsubsidio — **Jul 2014 – Feb 2016**

Bogotá, Colombia

- Led architecture and production delivery of a Healthcare ERP supporting centralized multi-site operations, designing SAP/SOA integrations and guiding seven developers.

Web Developer → SOA/BPM Analyst | Nexsys Latinoamérica — **Jun 2012 – Jul 2014**

Colombia

- Led four developers to deliver a production Java integration with Microsoft Electronic Software Distribution; developed integrations for Intel Security (McAfee) and IBM WebSphere Commerce–HP iQuote.

Freelance Software Engineer | Softnova — **Apr 2011 – May 2012**

Ibagué, Colombia

- Built Java EE application modules and Oracle database functionality for client projects.

CERTIFICATIONS

AWS Certified Solutions Architect – Associate | Microsoft Certified: Azure Fundamentals (AZ-900) | Microsoft Certified: Azure Data Fundamentals (DP-900)

EDUCATION & LANGUAGES

MBA, Universidad Politécnica de Valencia (2018–2019) | Diploma, Enterprise Software Architecture, Pontificia Universidad Javeriana (2014) | B.Sc., Systems Engineering, Universidad de Ibagué (2010)

Languages: English (C1) | Spanish (native)