



Gilbert Largacha

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● ABOUT ME

Lead IT Architect & SRE with 20+ years of experience delivering mission-critical solutions for global corporations like **Mercedes-Benz Mobility**. Expert in **Azure Cloud Transformation**, Kubernetes, and high-scale observability (Splunk). Currently pivoting into **AI Engineering**, specializing in **Python, AI Agents (LangChain/CrewAI), and LLMs**. A multilingual leader (EN, ES, PT, DE) with a proven track record of bridging the gap between business strategy and technical execution. Seeking to drive innovation in **AI-driven architectures** within remote-first or flexible international environments.

● WORK EXPERIENCE

SOLUTION & CLOUD ARCHITECT / SRE – MERCEDES BENZ MOBILITY – 08/08/2017 – Current – STUTTGART - STUTTGART-SÜD, GERMANY

Site Reliability Engineering (SRE) – Smyle Platform

- **Stability & Support:** Provided expert consultancy and technical support for mission-critical projects to ensure operational stability.
- **Deployment & Observability:** Orchestrated **Alfa deployments** and designed full-stack monitoring in **Splunk Cloud/Observability** (Dashboards, Alerting, Synthetics).
- **Incident Management:** Led incident response and performed **Root Cause Analysis (RCA)** to significantly reduce system downtime.
- **Vendor Management:** Managed technical relationships with vendors for specification alignment and issue resolution.

Global Rollouts & Azure Cloud (US Focus)

- **Technical Analysis:** Translated US business requirements into technical specs and provided estimations for global initiatives.
- **Data Orchestration:** Integrated CRD with Spire using **Azure Data Factory and Azure Databricks**.
- **Cloud Infrastructure:** Enhanced **Azure** environments for scalability, security, and cost-efficiency.
- **Execution:** Successfully led multiple global 'Go-Live' events and large-scale deployments.

Solution Architecture (Credit Risk Digital – CRD)

- **Solution Design:** Designed and delivered robust architectures leveraging **Daimler Hybrid Cloud and OpenShift**.
- **Technical Steering:** Guided international development teams (MBRDI, NTT DATA) and acted as a key liaison between Business Units and IT.
- **Agile Lifecycle:** Managed the end-to-end delivery of Epics and User Stories, from refinement to implementation.
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ENTERPRISE INTEGRATION ARCHITECT – TRELLEBORG – 01/07/2012 – 01/07/2017 – STUTTGART, GERMANY

Enterprise Integration Architect (WSO2, IBM & MuleSoft)

- **WSO2 API & ESB Architecture:** Designed and executed a High Availability (HA) multi-environment architecture using **Load Balancers, Clusters, and Traffic Managers**. Developed secure APIs (OAuth, LDAP) and orchestrated legacy services (JDE E1).
- **IBM WebSphere & SOA Architecture:** Spearheaded the migration of SOAP services to **IBM Process Server**. Developed RESTful services via **Message Broker 8** and managed business rules with **IBM ODM**.
- **DevOps & Automation:** Streamlined deployment pipelines using **ANT, Maven, and Packman**; performed root cause analysis and troubleshooting for enterprise-grade services.
- **Innovation & POCs:** Led MuleSoft evaluation initiatives, including **DevKit** connector development and Cloud API governance exploration.

SENIOR JAVA DEVELOPER FRONTEND AND BACKEND – NOVA BASE – 15/01/2012 – 30/06/2012 – LISBON, PORTUGAL

Project: UFE (Unified Front End) – Unitel AngolaSenior Software Engineer

- **Framework Development:** Developed front-office business processes using **ExtJS 4** and built graphical tools for seamless backend service binding.
- **Backend & Messaging:** Engineered data layers using **Spring and JPA/Hibernate (Oracle)**; managed asynchronous messaging and caching via **JMS on WebLogic**.
- **Architecture & DevOps:** Implemented system logging using **AOP**, ensured quality with JUnit, and managed deployments using **Maven** within a **SCRUM** environment.

CONSULTING IN JAVA, IBM RPG, PHP, .NET(C#) – MATCH PROFILER – 01/08/2010 – 01/01/2012 – LISBON, PORTUGAL

Project: SACV (HR Management System)Software Architect & Team Lead

- **Architecture & Leadership:** Designed the end-to-end system architecture and led a development team using SCRUM methodology to ensure agile delivery.
- **Tech Stack:** Full-stack development utilizing JavaEE (Spring, Hibernate, JSF) and PostgreSQL.
- **Reporting:** Implemented automated reporting modules and data visualization using iReport.

Project: Finibanco to Montepio (Migration)Backend Developer (IBM iSeries)

- **Data Migration:** Developed RPG IV programs for the complex transformation and migration of database structures between iSeries and Mainframe systems.
- **Quality Assurance:** Conducted rigorous data integrity validation and auditing using SQL DB400.

Project: Perceptum (ERP System)Software Developer (.NET)

- **Security & Modules:** Developed the core security module (AuthN/AuthZ) and the holiday management system using ASP.NET (C#).
- **Data & Reporting:** Engineered database logic (T-SQL, Stored Procedures) and designed comprehensive business reports with SSRS (Reporting Services).

JAVA DEVELOPER, IBM WEBSHERE, RPG IV – I2S INFORMATICA – 01/07/2009 – 01/07/2010 – PORTO, PORTUGAL

Project: GIS VidaSoftware Engineer (Java & IBM iSeries)

- **Systems Integration & SOA:** Integrated back-office systems with the GIS platform using **Service-Oriented Architecture (SOA)** and Java services (RMI, Service Manager).
- **Backend Development:** Developed and maintained **RPG** programs on **IBM iSeries (OS/400)** and engineered Java classes using the **I2S Spring Framework**.
- **Middleware & Connectivity:** Established seamless object connectivity between Java and **AS/400** environments via **WebSphere App Server 6.0**.
- **Data Orchestration:** Managed data transfer protocols and I/O operations for the core GIS system on IBM iSeries.

JAVA SOFTWARE DEVELOPMENT – METRO LINK – 15/08/2008 – 15/04/2009 – CALI, COLOMBIA

Project: WMS (Warehouse Management System)

Development & Migration: Built a Java WMS using **Struts 2.0 & Hibernate**; led the legacy migration from Struts 1.0 to improve system stability.

Client Engagement: Managed requirements, technical troubleshooting, and high-level product showcases for key stakeholders.

JUNIOR JAVA DEVELOPER – MIRANTE INFORMATICA – 01/06/2007 – 01/06/2008 – BRASILIA, BRAZIL

Project: SisOUVIDOR

Full-stack Software Engineer

- **Software Development & Architecture:** Designed and implemented core modules (Event Management, Reporting) using **J2EE (Struts 2.0, Hibernate)** following **MVC architecture** patterns.
- **Frontend & Prototyping:** Developed interactive prototypes and UI components using HTML, JavaScript, CSS, **RichFaces**, and **Oracle ADF (JSF)**.
- **Database & Reporting:** Engineered complex SQL queries for **MySQL and MS SQL Server** and designed automated business reports using **iReport**.
- **Quality Assurance:** Developed and executed comprehensive testing procedures to ensure software reliability and performance.

● **EDUCATION AND TRAINING**

15/06/2001 – 15/12/2006 Cali, Colombia
SYSTEM ENGINEER Universidad de San Buenaventura

Software develoment

Networks
Databases
Hardware, Software
Consulting Software

National classification ISCED 6

● **LANGUAGE SKILLS**

Mother tongue(s): **SPANISH**
Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
PORTUGUESE	C2	C2	C2	C2	C2
ITALIAN	A2	A2	A2	A2	A2
GERMAN	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **DRIVING LICENCE**

Driving Licence: B

● **JOB-RELATED SKILLS**

Job-related skills

AI & Automation: Python (Advanced), LangChain, CrewAI, AI Agents, Prompt Engineering, RAG Architectures.
Cloud & DevOps: Azure (Architect), Kubernetes (AKS), Docker, OpenShift, GitHub Actions, Terraform.
SRE & Observability: Splunk Cloud/Observability, Incident Management, Root Cause Analysis (RCA).
Middleware & Integration: WSO2, MuleSoft, IBM (Message Broker, ODM, Process Server).
Software Development: Java (Hibernate, JSF), C#, PHP 5, JavaScript, SQL (Oracle, MySQL, PostgreSQL).