

ALFONSO MONROY

SAP BTP Architect

Tech Lead

Developer

PROFILE

Dynamic SAP architect and passionate technical leader with over 13 years of experience transforming complex business challenges into elegant cloud solutions. Combining creative problem-solving with deep SAP BTP expertise, I excel at building high-performing teams and designing innovative architectures that consistently exceed client expectations. My collaborative leadership style and architectural vision have driven successful enterprise-scale implementations across diverse industries.

CONTACT

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🌐 alfonso-monroy-rebollo/

EXPERIENCE

Cogent IBS, Tech Lead & BTP Architect

2022-PRESENT

As Technical Lead and SAP BTP Architect, I spearhead innovative cloud solutions while fostering team excellence. Working directly with clients across industries, I translate complex business requirements into elegant technical solutions while mentoring team members and ensuring project success.

Global HITTS Consulting, Innovation Manager

2018-2022

Led the innovation and development of SAP BTP SaaS products from concept to market launch, while managing large-scale S/4HANA migration projects and HANA consolidation initiatives.

Axity Consulting, Tech Lead & SAP Architect

2016-2018

Served as technical lead specializing in SAPUI5 development and SAP cloud solutions. Architected and delivered multiple enterprise applications while leading development teams and ensuring technical excellence.

SAP, SAP Technology Consultant

2011-2016

As an intern I actively learned and contributed to the SAP Solutions implementations, and attending SAP tickets from SAP Support team.

SKILLS

- SAP BTP
- Architecture
- Cloud Computing
- Software Design
- Project Management
- Creative Problem Solving
- Communication Skills
- Leadership
- Consulting

EDUCATION

ESDEN Business School

2022-2023

Master of Business and Blockchain

MIT Sloan School of Management

2017-2017

Innovation of Products and Services: MIT's Approach to Design Thinking

Tec de Monterrey

2005-2010

Bachelor Degree in Mechatronic Engineering

Project History – Details

CUSTOMER	CALIMAX	REMOTE - TIJUANA, BC
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Length 4 months

INDUSTRY	RETAIL
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Project Description Supplier Custom Portal

ROLE	BTP ARCHITECT & DEVELOPER
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Project and Components Provide solutions for business requirements. Using the BTP and CAP Model Paradigm

Responsibilities Design and develop a custom application for suppliers' self-service portal, connecting with the S/4HANA system.

CUSTOMER	APPLE INC	REMOTE - AUSTIN, TX
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Length 12 months

INDUSTRY	TECHNOLOGY
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Project Description Global SAP Projects

ROLE	BTP DEVELOPER
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Project and Components Provide solutions for business requirements.

Responsibilities Design solutions to be developed by the off-shore team.
Develop SAPUI5 pages, BTP interfaces, HANA Store Procedures and Calculation Views, and OData Services.

CUSTOMER	RICH PRODUCTS CORP	REMOTE - BUFFALO, NY
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Length 1 year

INDUSTRY	FOOD
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Project Description Global S/4HANA Migration

ROLE	BTP SENIOR DEVELOPER
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Project and Components SAP CAP Model, SAP Integration Suite

Responsibilities Assign tasks to the team members. Track tasks progress. Provide interface designs and guidelines. Develop complex interfaces.

CUSTOMER	CODE10	REMOTE - BARCELONA, SPAIN
Length	3 months	
INDUSTRY	TECHNOLOGY	
Project Description	SAP CAP Application - Cloud Foundry	
ROLE	BTP DEVELOPMENT LEAD	
Project and Components	SAP CAP Model, SAP Business Hub	
Responsibilities	Provide the development architecture and backend design. Assign tasks to the team members. Track tasks progress	

CUSTOMER	NEON SAVAGE	REMOTE
Length	3 months	
INDUSTRY	BLOCKCHAIN - GAMING	
Project Description	NFT Platform	
ROLE	BLOCKCHAIN CONSULTANT & SOLUTION ARCHITECT	
Project and Components	React JS, Flutter, Web3 to build a platform to create and transact NFT for video games.	
Responsibilities	Architecting all the components for a scalable solution. Leader of the Digital Wallet application development team Design and Script Code Pipelines.	

CUSTOMER	SILICON ANDHRA FOUNDATION	REMOTE
Length	4 months	
INDUSTRY	EDUCATION	
Project Description	Cloud Native Application for Children's Education	
ROLE	SOLUTION ARCHITECT & TECH LEAD	
Project and Components	React JS and Node JS Stack are running on GCP to develop an education platform for kids worldwide to learn the Telugu Language.	
Responsibilities	Automate deployments to GCP, assign tasks in Jira, conduct code reviews, and perform follow-up tasks.	

CUSTOMER	PARAGON28	REMOTE
Length	3 months	
INDUSTRY	ENERGY	
Project Description	S/4HANA Implementation	
ROLE	SAPUI5 DEVELOPER	
Project and Components	Paragon has very specific processes due to its business. Therefore, several business processes had to be customized, and several applications had to be built that the SAP standard did not cover in the S/4HANA product.	
Responsibilities	Develop 5 SAPUI5 applications from scratch.	

CUSTOMER	GRUPO CARSO	REMOTE
Length	9 months	
INDUSTRY	ENERGY	
Project Description	SaaS Application Development on SAP BTP	
ROLE	SAP SOLUTION ARCHITECT & DEVELOPMENT LEADER	
Project and Components	<p>Use SAP BTP to develop a Cloud Native Application from scratch for energy measures and analytics. The SAP BTP services used in the application were SAP HANA Cloud (HDI Managed by CAP Model), SAP Business Application Studio for SAPUI5 frontend, OData Services deployed by CAP Model and HANA Calculated views, SAP IoT to stream real data from devices and persisted into HANA Cloud, Analytics Dashboards with SAP Analytics Cloud.</p> <p>Also, the application has many SAPUI5 pages to create, update, or delete data related to the company and the devices.</p>	
Responsibilities	<p>Work side by side with the product owner in order to satisfy product features and requirements.</p> <p>Design the solution.</p> <p>Select the correct services/components for a scalable solution.</p> <p>Also, I was responsible for the OData Services and SAPUI5 pages, both were developed using the CAP Model paradigm.</p>	

CUSTOMER	FRISCO MINING	REMOTE (MX)
Length	6 Months	
INDUSTRY	MINING	
Project Description	S/4HANA Implementation	
ROLE	BI LEADER	
Project and Components	<p>With the S/4HANA greenfield implementation, executive dashboards were needed for C-Levels to show finance and production data. Using SAP BTP, Business Application Studio I developed HANA Calculated views and consumed by SAP Analytics Cloud to show dashboards with correct data.</p>	
Responsibilities	<p>Develop CDS Views on S/4HANA as SAC Data Models.</p> <p>Build SAC Stories.</p>	

CUSTOMER	GRUPO Z	CHIHUAHUA, CH REMOTE
Length	6 Months	
INDUSTRY	GAS ENERGY	
Project Description	S/4HANA Implementation	
ROLE	BI LEADER	
Project and Components	<p>With the S/4HANA greenfield implementation, executive dashboards needed for C-Levels to show finance and production data. Using SAPUI5 Analytics libraries, I developed three dashboards powered by CDS Views. I also developed the CDS Views required for the dashboards.</p>	
Responsibilities	<p>Develop CDS Views on S/4HANA as SAC Data Models.</p> <p>Develop SAPUI5 Analytics Applications</p>	

CUSTOMER	AMÉRICA MÓVIL	GLOBAL PROJECT (22 COUNTRIES)
Length	10 Months	
INDUSTRY	TELECOM	
Project Description	SAPUI5 dashboards for executive board	
ROLE	CHAMPION EXPERT	
Project and Components	<p>Using HANA On-Premise, we centralized procurement-related data from 24 countries to build C-Level Dashboards regarding procurement processes, suppliers performance, warehouse obsolescence, and spend analysis.</p> <p>The dashboard was built using SAPUI5 Analytics libraries and consuming OData as from CDS Views.</p>	
Responsibilities	<p>I was the client side responsible for the SAPUI5 development.</p> <p>Present project status to project sponsor.</p> <p>Manage the development team, around 6 developers.</p>	

CUSTOMER	SKANDIA	TALLAHASSEE, FL (REMOTE)
Length	3 Months	
INDUSTRY	MANUFACTURING	
Project Description	React Development for SAP Purchase Orders	
ROLE	DEVELOPER	
Responsibilities/Deliverables	<p>Integration between SAP backend and Card Connect Services for online payments. I developed Develop front end pages for payment process using ReactJS libraries. We use AWS services to manage API REST.</p>	

CUSTOMER	COMPARTAMOS BANCO	MEXICO CITY
Length	20 Months	
INDUSTRY	FINANCE	
Project Description	Mobilize Account Origination Process	
ROLE	PROJECT MANAGER & TECHNICAL LEADER	

Project and Components

We built a mobile application using SAPUI5 components; we used Cordova to wrap the application and then build an Android app. The sales team uses the application to start the sales pipeline process, uploading leads data related to financial credits. The app can run offline, take photos from customers' IDs and all the forms to upload the needed data for the credit process. The information is sent to SAP CRM by oData services, to continue the process

Responsibilities

I was the responsible for mobile application development.
Present project status to project sponsors.
Manage the development team, around 15 developers.

CUSTOMER	GOLDCORP INC.	ONTARIO, CA & MEXICO CITY
Length	6 Months	
INDUSTRY	MINING	
Project Description	SAP Support and Improvements	
ROLE	SMP & FIORI ARCHITECT	
Responsibilities/Deliverables	Solution Architect SAP Work Manager Deployment SAP Inventory Manager Deployment SAP Fiori Production Apps Support	

CUSTOMER	A.STUCKI	PITTSBURGH, PA
Length	8 Months	
INDUSTRY	RAILWAYS	
Project Description	SAP ERP Implementation	
ROLE	SAP FIORI ARCHITECT FOR LATAM	
Responsibilities/Deliverables	Solution Architect App Design according customer needs Development Team Coordinator (India) SAPUI5 development for complex apps	

CUSTOMER	FRESNILLO PLC	TORREÓN, COAHUILA MX
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Length 7 Months

INDUSTRY	MINING
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Project Description Executive Dashboards with SAP HANA

ROLE	SOLUTION ARCHITECT
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Responsibilities/Deliverables

- Solution Architecture Design
- Solution Architecture Deployment
- Server Installation and Configuration
- Data Migration Strategy
- Development Coordinator (Mexico & India)
- Customer Satisfaction

CUSTOMER	MITSUI	MEXICO CITY
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Length 3 Weeks

INDUSTRY	ENERGY
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Project Description Fiori Apps – PoC

ROLE	PRESALES
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Responsibilities/Deliverables

- Fiori apps Demo for Customer
- Backend Integration
- Sales Engagement

CUSTOMER	TELEFÓNICA VENEZOLANA	CARACAS, VENEZUELA
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Length 6 Months

INDUSTRY	TELECOM
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Project Description SAP Mobile Platform (SMP, Afaria)

ROLE	SOLUTION ARCHITECT
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Responsibilities/Deliverables

- Solution Architecture Design
- Solution Architecture Deployment
- Server Installation and Configuration
- Development Strategy
- Development Coordinator (Mexico & Argentina)
- Customer Satisfaction

CUSTOMER	NEOENERGIA	RECIFE, BRAZIL
Length	3 Weeks	
INDUSTRY	ENERGY	
Project Description	SAP Afaria Performance Issues	
ROLE	EXPERT ON DEMAND - AFARIA EXPERT	
Responsibilities/Deliverables	Issue Analysis Customer Meeting for Understanding Issue Technical Assessment Resolution Strategy Customer Presentation of Recommendations and Issue Resolution	

CUSTOMER	EL PALACIO DE HIERRO	MEXICO CITY
Length	5 Months	
INDUSTRY	RETAIL	
Project Description	SAP Contigo (SAP Mobile Platform)	
ROLE	SOLUTION ARCHITECT	
Responsibilities/Deliverables	Solution Architecture Design Solution Architecture Deployment Server Installation and Configuration	

CUSTOMER	MEXICHEM	MEXICO CITY
Length	3 Months	
INDUSTRY	CHEMISTRY	
Project Description	SAP Afaria – Global Installation (5 countries)	
ROLE	SOLUTION ARCHITECT	
Responsibilities/Deliverables	Solution Architecture Design Solution Architecture Deployment Server Installation and Configuration MDM Politics Definition with Customer Go-Live Strategy Customer Satisfaction	

CUSTOMER	CEMENTOS PROGRESO	GUATEMALA CITY
Length	3 Months	
INDUSTRY	MANUFACTURE	
Project Description	SAP Mobile Applications	
ROLE	SOLUTION ARCHITECT	
Responsibilities/Deliverables	Solution Architecture Design Solution Architecture Deployment Server Installation and Configuration Integration with SAP ECC and SAP CRM Customer Satisfaction	

CUSTOMER	EL PALACIO DE HIERRO	MEXICO CITY
Length	1 Month	
INDUSTRY	RETAIL	
Project Description	Mobile Applications (SMP) - PoC	
ROLE	SUP DEVELOPMENT COORDINATOR	
Responsibilities/Deliverables	Requirement Understanding Application Design Development Coordinator Backend Integration Development Demo for Customer Sales Engagement	

CUSTOMER	LIVERPOOL	MEXICO CITY
Length	2 Months	
INDUSTRY	RETAIL	
Project Description	SAP Afaria	
ROLE	SAP AFARIA CONSULTANT	
Responsibilities/Deliverables	Solution Architecture Design Solution Architecture Deployment Server Installation and Configuration	

MDM Politics Definition with Customer
Go-Live Strategy
Customer Satisfaction

CUSTOMER	RIMAC	LIMA, PERU
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Length 2 Months

INDUSTRY	INSURANCE
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Project Description SAP Afaria

ROLE	SAP AFARIA CONSULTANT
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Responsibilities/Deliverables
Server Installation and Configuration
MDM Politics Definition with Customer
Customer Satisfaction

CUSTOMER	COMPARTAMOS BANCO	MEXICO CITY
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Length 2 Months

INDUSTRY	FINANCE
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Project Description SAP Banking

ROLE	TESTING COORDINATOR
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Responsibilities/Deliverables Test Strategy

CUSTOMER	CIE	MEXICO CITY
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Length 6 Months

INDUSTRY	ENTERTAINMENT
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Project Description Travel Management

ROLE	PROJECT MANAGER
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Responsibilities/Deliverables
Scope Definition
Resource Management
Customer Negotiations
Project Management
Deliverables Control
High Quality Responsible