

EDGAR MARTINEZ

SAP BTP Solution Architect | AI & Enterprise Extensions

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SAP BTP Solution Architect with 16 years in SAP cloud architecture, extension development, and delivery leadership. Currently shipping AI solutions in production, including an AI-powered catalog-conversion solution for Stellantis that cut turnaround from 6 weeks to 1, and early design of custom SAP Joule Agents to automate investment-project workflows. I direct cross-regional delivery teams across India, the USA, Mexico, and Argentina, and lead engagements end to end, from stakeholder alignment through production rollout, following Clean Core principles with side-by-side BTP extensions.

CORE SKILLS

SAP Platforms & Tools	AI & Automation	Development & Cloud	Databases & Integration
SAP BTP / Cloud Foundry	SAP Joule (AI Agents)	React, Node.js, JavaScript	SAP HANA
SAP CAP	SAP AI Core	AWS Lambda, API Gateway, CloudFormation	OData, REST, GraphQL, SOAP
SAP Fiori / SAPUI5	SAP AI Launchpad	Java, C#, Flutter	DynamoDB, SQL Server, MySQL, Oracle, PostgreSQL
SAP Workzone	Generative AI Hub	CI/CD pipelines	
SAP Mobile Platform	AI-based document / image processing		
SAP PI / PO, ABAP			
SAP Build (Low-Code)	Claude, Codex (AI-assisted dev)		

PROFESSIONAL EXPERIENCE

Associate Director, Digital Transformation (SAP Solution Architecture & Delivery Leadership) Jul 2022 – Present
Cogent IBS, USA (Remote)

- Define software architecture and technical direction for global client engagements across SAP BTP, AWS, and emerging SAP AI tooling, following Clean Core principles through side-by-side and standalone BTP extensions.
- Direct cross-regional delivery teams across India, the USA, Mexico, and Argentina, coordinating distributed technical staff to deliver client programs on scope and timeline.
- Delivered a production AI solution for a Stellantis spare-parts catalog program: automated image-based callout/position recognition and downstream data processing to convert catalogs from the European to the American standard, cutting turnaround from 6 weeks to 1 week.
- Leading early-phase design of custom SAP Joule AI Agents to automate investment-project workflows for a current client engagement.
- Redesigned the architecture and automated key processes for a separate BTP transformation client, cutting implementation cycles by 40% and infrastructure cost by 5x.

Senior Cloud Consultant Mar 2022 – Jun 2022

SPOSEA Group, Netherlands (Remote, Contract)

- Modernized the technology stack for an SAP-certified pricing solution, extending core application logic on SAP CAP and HANA HDI containers.
- Delivered usability and maintainability improvements that cut task completion time by ~25%.

Senior AWS Full-Stack Engineer Jun 2021 – Mar 2022

Ivaldi Group, USA (Remote, Contract)

- Migrated legacy logistics infrastructure to an AWS-native, event-driven architecture (Lambda, CloudFormation, API Gateway).
- Built CI/CD pipelines for front-end and backend services; reduced manual operations by 60%.

SAP Cloud Platform Specialist / Fiori Consultant Nov 2020 – Jun 2021

Deloitte, América Móvil account, Mexico

- Delivered solution architecture and Fiori development for América Móvil's procurement digitization initiative.
- Implemented SAP Workzone with Principal Propagation and shipped the program's first mobile-enabled approval application.

SAP Fiori & Cloud Platform Developer*Apr 2019 – Apr 2020*

Delivery Hero SE, Germany

- Built SAP Cloud Workflow automation for CAPEX, procurement, and investment approvals across 40+ countries, cutting approval cycle time from 20+ days to 2.
- Enabled \$200M+ in capital spend visibility and accelerated business case approvals by 30+ per month.
- Delivered conversational AI (chatbot) interfaces connected to SAP backend systems.

Technical Team Lead*Jan 2017 – Mar 2019*

Cogent IBS, USA (Remote)

- Led development of a finance-planning application suite (S/4HANA, SAPUI5) certified and published in the SAP Cloud Store.
- Built a React/Node.js dealer portal for a US manufacturing client, connecting to SAP through an official but little-known SAP Node.js connector, well ahead of CAP becoming SAP's standard framework for this kind of integration.
- Delivered an AWS-powered facial recognition app for secure document handling.

EARLIER CAREER (2008 – 2016)

Sr. Mobile Platform Consultant, Nubaj Consulting (Gentera) (Oct 2015 – Dec 2016): Built an offline-first SAPUI5 mobile app for credit origination, adopted by 14,000+ field agents; lifted agent productivity ~300%.

SAP PI Consultant, Neoris (CEMEX) (Dec 2014 – Oct 2015): Led a multi-region SAP PI interface migration across North America, Europe, and Asia.

SAP PI Consultant, Indra (Chedraui) (Aug 2014 – Oct 2014): Built integration interfaces supporting the company's import process.

SAP PI Consultant, Indra (Taco Holding) (Oct 2012 – Aug 2014): Delivered POS-to-SAP integration across 180 terminals; ABAP enhancements in WM, MM, FI, SD, HR.

Software Architect, Indra (Santander) (Aug 2012 – Oct 2012): Rebuilt enterprise-linking architecture and specifications for a legacy modernization initiative.

Software Architect & Team Lead, Indra (Grupo Bimbo) (Jan 2010 – Jul 2012): Delivered an accounts-payable platform for 4,000+ users across three regions; cut licensing costs 80%.

Software Developer, IMPI / Qualitas (Nov 2008 – Dec 2009): Built an OCR-based document pipeline indexing 80M+ records for public government access.

CERTIFICATIONS

- SAP Certified Development Associate: SAP Extension Suite
- SAP Certified Development Associate: SAP HANA Cloud 1.0
- SAP Certified Development Associate: SAP Fiori Application Developer
- SAP Certified Citizen Developer Associate: SAP Build Low-Code/No-Code

CONTINUING DEVELOPMENT

Hands-on with SAP AI Core, SAP AI Launchpad, and Generative AI Hub through recent SAP CodeJam and SAP TechEd sessions, building and testing AI agents to stay current with SAP's evolving AI stack. Use Claude and Codex regularly as part of my own development workflow.

EDUCATION & LANGUAGES

Bachelor's Degree in Informatics Sciences, National Polytechnic Institute, Mexico (2007)

Languages: Spanish (Native) | English (C1, Fluent) | German (B1, Intermediate)