

Sayan Samanta

SAP Technology Lead

9+ Years · S/4HANA · RAP · BTP · CPI · Fiori ·
ABAP · CDS/AMDP

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■ Open to Relocation: Europe / Germany /
Middle East

KSA Government

UAE / Dubai

Bangladesh

India (Multi-Sector)

8 End-to-End
Implementations

PROFESSIONAL SUMMARY

SAP Technology Lead with **9+ years** of end-to-end delivery experience across **Saudi Arabia (KSA), UAE, Bangladesh, and India** — one of a select group of SAP consultants combining **KSA Government-scale programme delivery** with deep end-to-end **RAP, BTP, CPI, and Fiori architecture** capability. At EY India, architected and delivered a national utility MDG programme in Riyadh — governing assets, equipment, and material masters for a major KSA electricity utility, a platform driving **25,000–40,000 transactions daily**. Delivered **5 end-to-end Fiori applications** including **3 QR-scan solutions** for Production and SD processes, and owned full technical module delivery through go-live across **8 SAP implementations** (Greenfield, Brownfield, Migration — S/4HANA on-prem, RISE, Private Cloud, Public Cloud). Currently leading a 5-consultant SAP team at QBA Worldwide, driving Fiori delivery, SAC integration, and CPI pipeline architecture. **Triple-certified:** ABAP on HANA 2.0 · BTP Side-by-Side Extensibility · SAP Activate Project Management.

CORE TECHNICAL COMPETENCIES

SAP Development

SAP RAP (RESTful ABAP), Core ABAP Enhancements, ABAP on HANA, WRICEF Objects, AMDP, CDS Views & CDS Table Functions, CDS Data Modelling (incl. SAC Data Models), BRF+, BOPF, GOS, HANA Performance Optimisation

Fiori / UI5

End-to-End Fiori App Implementation (PP, SD, MM modules), UI5 / SAP Fiori Elements, RAP-based OData Backend Services, Fiori Extension & Service Extension, QR Solution Architecture (international projects), SAP Build Apps

Integration & APIs

SAP BTP Integration Suite (CPI), OData Services (v2/v4), REST / JSON / SOAP / IDoc / Proxy, API Management, SAP Portal Integration, Weighbridge & Mobile App Integration, SAC Backend Integration via RAP, Third-party Logistics Integration

S/4HANA Delivery

Greenfield (S/4HANA on-prem, RISE with SAP, Private Cloud, Public Cloud), Brownfield / Migration (ECC→S/4HANA, S/4 1610→1909), Versions: 1809, 1909, 2101; S/4 with RISE

Specialisations

SAP MDG Technical (End-to-End), Advanced Workflow, Fragment-Based Adobe Forms, Smart Forms, Web Dynpro (FPM), SAP EHS, P2P / O2C Cycle, SAP Activate Methodology, Agile

Team Leadership & Delivery

Technical Team Lead (5-consultant teams), JIRA Sprint & Backlog Management, Task Assignment & Workload Coordination, Technical Design Review, Delivery Quality Ownership, Stakeholder Communication, Team Mentoring & Knowledge Sharing, SAP Activate Methodology, Agile

PROFESSIONAL EXPERIENCE

SAP Technology Lead

Nov 2025 – Present

QBA Worldwide (SAP Technology & Digital Transformation Consultancy) — Kolkata, India

- Leading **end-to-end Fiori application development** — from requirements analysis and CDS/RAP backend design through to OData service exposure and Fiori/UI5 frontend delivery.
- Driving **SAP Analytics Cloud (SAC) integration**, designing CDS data models and RAP-based OData services to feed analytics dashboards and reporting layers.
- Implementing **SAP CPI (Cloud Platform Integration) pipelines** — designing integration flows, message mappings, and error handling for system-to-system data exchange.
- **Leading a technical team of 5 SAP consultants** — allocating work, conducting solution design reviews, and maintaining delivery quality standards across all workstreams.
- Managing team tasks and sprint progress via **JIRA** — maintaining the development backlog, tracking completion against milestones, and flagging blockers early.
- Acting as **technical bridge between business stakeholders and the development team** — decomposing requirements into clear development tasks and validating outputs before sign-off.
- Coordinating a **5-consultant SAP development team** across sprint cycles — maintaining a JIRA backlog of 20+ active user stories per sprint with consistent on-time delivery of committed sprint scope.

Senior Package Consultant

Sep 2025 – Nov 2025

IBM India — Kolkata, India

- Senior Package Consultant within the SAP practice.

Senior SAP Technology Consultant

May 2021 – Sep 2025

Ernst & Young (EY) India — Kolkata / Saudi Arabia (KSA) / UAE

- Led and delivered a **complete end-to-end SAP MDG Technical implementation** for a KSA national electricity utility — governing assets, equipment, and material master data across the full utility asset lifecycle, with owned technical module delivery through **go-live**.
- Architected and implemented **SAP RAP (RESTful ABAP) solutions and Advanced Workflow** frameworks to streamline master data governance and complex approval cycles.
- Designed and built **OData APIs (v2 & v4)** and integrated external applications via SAP API Management and SAP BTP Integration Suite (CPI).
- Delivered **5 end-to-end Fiori applications** (PP, SD, MM modules) across two international implementations — including **3 QR-scan solutions** for shop-floor production and SD sales processes, handling **25,000–40,000 daily transactions** in production.
- Architected **SAC (SAP Analytics Cloud) backend integration** using RAP-based CDS data models, serving as the backend architect for the analytics team.
- Delivered **end-to-end RAP-based reports and OData models** — from data modelling through CDS/AMDP to Fiori frontend consumption.
- Implemented and configured **S/4HANA Greenfield projects** on RISE with SAP (Private Cloud and Public Cloud deployment models).
- Built **SAP Build Apps** to extend MDG functionalities to mobile and web users; integrated SAP Portal with SAP BTP to improve digital citizen engagement.
- Delivered extensive **CDS modelling, CDS Table Functions, and AMDP** development for complex reporting and analytics use cases.
- Developed **Fragment-Based Adobe Forms** and integrated OData Services to modernise SAP Portal functionalities.
- Designed inbound/outbound integrations using **JSON, REST, SOAP, IDoc, and Proxy** for cross-system data flows.
- Mentored junior consultants and conducted technical workshops on RAP, SAP Build Apps, OData, and API management best practices.
- Managed stakeholder communications and project deliverables across multi-disciplinary teams in government regulatory environments.
- **Technical Team Lead for a 5-consultant SAP development team** — assigned tasks, reviewed code and solution designs, and ensured delivery quality across sprint cycles.
- Coordinated team workload and tracked deliverable progress using **JIRA** — managing backlogs, sprint boards, and issue resolution to keep technical work on schedule.
- Served as the **primary technical point of contact** for business stakeholders and functional leads — translating requirements into actionable development tasks for the team.

- Conducted **technical design reviews and peer walkthroughs** before development handoffs, reducing rework and ensuring alignment with SAP best practices.

SAP Technology Consultant

Mar 2020 – May 2021

Ubique Systems Pvt. Ltd. (Deployed at PwC) — India

- Developed **RAP-based backend services** for Fiori applications, including CDS view modelling and OData service exposure.
- Implemented **API integrations with third-party logistics partners** using JSON and REST protocols.
- Supported **S/4HANA Greenfield implementation** focusing on custom workflows, OData services, and ABAP enhancements.
- Delivered complex **WRICEF objects** and performance-optimised ABAP programs for large-volume data scenarios.
- Worked on **end-to-end P2P and O2C cycle** enhancements for a major retail client.

SAP ABAP Consultant

Mar 2019 – Mar 2020

Aon Digicon LLP (Deployed at Bharat Aluminium Company / BALCO) — India

- Executed **ECC to S/4HANA migration** — custom WRICEF objects, data migration tooling, and regression testing support.
- Developed and unit-tested **complex workflow scenarios** and custom BRF+ rule configurations.
- Delivered ABAP enhancements for **Bharat Aluminium Company (BALCO)** manufacturing processes.
- Implemented **weighbridge integration** and mobile application connectivity with SAP backend.

SAP ABAP Consultant

Sep 2017 – Mar 2019

Global Techsys and Solution — India

- Delivered core **ABAP enhancements, Smart Forms, and data migration tools** for manufacturing clients.
- Developed OData services and workflow customisations for SAP ECC environments.
- Gained foundational expertise in WRICEF delivery, performance tuning, and SAP module integration.

KEY PROJECTS

KSA Government Digital Transformation — Saudi Arabia

Full end-to-end SAP MDG Technical implementation for a KSA Government entity. Scope covered master data governance design, BRF+ rule configuration, Advanced Workflow, SAP Build Apps for mobile MDG, SAP Portal / BTP integration, and OData API layer. Served as the technical architect and lead for the entire programme. *Technologies: SAP MDG, RAP, BTP, Advanced Workflow, BRF+, OData, SAP Build Apps.*

SAC Analytics Backend Integration — International

Designed and developed the full CDS data model and RAP-based OData backend for an SAP Analytics Cloud (SAC) team across an international engagement. Acted as backend architect, aligning data models with analytics requirements and ensuring high-performance HANA-layer query execution. *Technologies: RAP, CDS Views, AMDP, CDS Table Functions, SAC, HANA.*

Fiori App End-to-End Implementations (PP, SD, MM) — KSA & UAE

Delivered two international Fiori application implementations covering PP, SD, and MM modules, including a novel QR-code based solution architecture for shop-floor and warehouse operations. Responsibilities spanned requirements gathering, CDS/RAP backend design, OData service, and Fiori/UI5 frontend integration. *Technologies: SAP Fiori, UI5, RAP, CDS, OData, QR Solution Architecture.*

Pharma Industry S/4HANA Greenfield — Bangladesh

End-to-end S/4HANA Greenfield implementation for a pharmaceutical manufacturer in Bangladesh. Delivered ABAP enhancements, workflow automation, and Fiori services aligned with regulatory and quality management requirements. *Technologies: S/4HANA, ABAP, Workflow, Fiori.*

Multi-Sector S/4HANA Implementations — India (Cement, Telecom, Logistics, Retail)

Multiple end-to-end Greenfield and Brownfield S/4HANA projects across cement, telecom, logistics, and retail industries in India. Key deliverables included ECC→S/4HANA migration (including S/4 1610→1909 upgrade), complex WRICEF, third-party integrations, P2P/O2C cycle enhancements, and performance-optimised CDS/AMDP models.

EDUCATION

Bachelor of Science (B.Sc.) in Physics
West Bengal State University, Kolkata, India

May 2017

CERTIFICATIONS

- SAP Certified Development Specialist – ABAP for SAP HANA 2.0
- SAP Certified Development Associate – Side-by-Side Extensibility on SAP BTP
- SAP Certified Associate – SAP Activate Project Manager

INTERNATIONAL EXPERIENCE

Saudi Arabia (KSA)	Riyadh — KSA Government Digital Transformation (SAP MDG, BTP, RAP)	EY India
UAE / Dubai	Dubai — Oil & Gas sector SAP S/4HANA programme	EY India
Bangladesh	Dhaka — Pharma Industry S/4HANA Greenfield Implementation	EY India

LANGUAGES

English Professional Proficiency	Bengali Native	Hindi Professional Proficiency	Arabic Basic (Working Exposure)
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Available for relocation to Europe, Germany, or Middle East. Open to Permanent, Contract, and Consulting engagements. Valid Indian passport. References available upon request.