**Jinka Meenakshi**

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**SAP BTP Consultant**

**PROFESSIONAL SUMMARY:**

* SAP BTP Developer with 9+ years of SAP experience, specializing in Node.js, CAPM (Cloud Application Programming Model), SAP HANA Cloud development (SQLScript, procedures, calculation views, CDS models), and application deployment on Cloud Foundry via Business Application Studio (BAS).
* Strong expertise in SAP HANA Cloud: SQLScript optimization, CDS-based data modeling, AMDP procedures, and building analytical calculation views for embedded analytics and SAC reporting.
* Hands-on in BTP Development & Integration: CAP services, Node.js microservices, SAP CPI iFlows, Event Mesh, Workflow Management, API Management, and Fiori/UI5 app deployment on BTP Launchpad.
* Experienced in BTP security and cloud operations, including IAS/IPS, OAuth 2.0, JWT, RBAC, role collections, and secure connectivity via Cloud Connector.
* Proficient in debugging and performance tuning using BAS (SQL Console, logs, traces) and delivering scalable, event-driven architectures with SDA/SDI, CAPM, and HANA Cloud.
* Background in SAP FICO/SD/MM integration with S/4HANA, enabling real-time data replication, revenue recognition compliance (IFRS 15/ASC 606), and advanced reporting using SAC and CDS views.
* Strong communicator and collaborator, with proven success delivering end-to-end BTP implementations, migration from PI/PO to CPI, and cloud-native extensions aligned with enterprise IT and compliance standards.
* Utilized SAP Cloud Connector and SAP Identity Authentication Service (IAS) to establish secure connections between on-premise systems and cloud environments.​
* Conducted regular system audits and performance assessments, proactively addressing potential issues and optimizing resource utilization.​
* Collaborated with cross-functional teams to support SAP BTP-based application deployments, ensuring alignment with organizational goals and technical requirements.​
* Maintained up-to-date knowledge of SAP cloud technologies and participated in continuous learning to stay abreast of emerging trends and best practices.​
* Provided training and mentorship to junior team members, fostering a culture of knowledge sharing and continuous improvement.​
* Developed and maintained comprehensive documentation for system configurations, procedures, and policies to support operational efficiency and compliance.​
* Engaged with stakeholders to understand business needs and translate them into technical solutions within the SAP cloud landscape.​
* Managed vendor relationships and coordinated with external partners to ensure timely resolution of issues and successful project outcomes.​
* Demonstrated strong problem-solving skills and the ability to work under pressure, consistently delivering high-quality results in dynamic environments.

**TECHNICAL SKILLS:**

**SAP Cloud Administration & Operations:** SAP Business Technology Platform (BTP) Administration, SAP HANA Cloud Administration, SAP Analytics Cloud (SAC) Administration, Subaccount Management, Service Assignment, Monitoring & Logging, Performance Optimization, Backup & Restore, System Upgrades**.**

**SAP BTP & Integration Services:** SAP Integration Suite (CPI, API Management, Open Connectors), SAP Cloud Connector, SAP Event Mesh, SAP Graph, SAP Identity Authentication Service (IAS), SAP Authorization & Trust Management, OData Provisioning, Connectivity Setup.

**Development & Programming:** SAP ABAP (Reports, SmartForms, BAPIs, BADIs, User Exits), ABAP on HANA, SAP RAP (Restful ABAP Programming), Cloud Application Programming Model (CAP), Object-Oriented ABAP, ABAP Enhancements, SAP Fiori/UI5 Development, CDS Views, AMDP, Embedded Analytics.

**Security & Compliance:** SAP IAS, SAP BTP Role-Based Access Control (RBAC), OAuth 2.0, SAML, JWT Authentication, SAP GRC, Advanced Compliance Reporting (ACR), Secure Connectivity Setup.

**Modules & Functional Expertise:** SAP FICO, SAP MM, SAP SD, SAP CO-PA, SAP CO-PC, SAP RAR, SAP S/4HANA Finance, SAP S/4HANA Cloud Public & Private Edition.

**Integration Highlights:** PI/PO to BTP CPI Migration, Groovy Scripting, Graphical & XSLT Mapping, OAuth2, IDoc & OData Integrations, Event Mesh, Real-Time Alerts & Monitoring (99.9% SLA), B2B/EDI Integrations.

**Reporting & Analytics:** SAP Analytics Cloud (SAC), KPI Modeling, CDS Analytical Views, SAP ALV Reports, SAP BusinessObjects, SAP Fiori Dashboards, SAC Content Lifecycle Management.

**Data Integration & Migration:** SAP SLT (System Landscape Transformation), LTMC, LSMW, SAP BTP Data Services, SAP Data Intelligence, SAP MDG (Master Data Governance), IDOCs, BAPIs, RFCs.

**Databases & Performance:** SAP HANA Cloud, SAP HANA, SAP HANA Native Development, SQL Performance Tuning, PostgreSQL, SAP HANA Database Procedures (AMDP).

**ERP & Cloud Platforms:** SAP S/4HANA (Cloud & On-Premise), SAP ECC 6.0, SAP BTP (Neo & Cloud Foundry), SAP Kyma, Microsoft Azure, Amazon Web Services (AWS).

**Project & DevOps Tools:** SAP Solution Manager, SAP Business Application Studio (BAS), GitHub, JIRA, Confluence, Asana, Trello, MS Project, CI/CD Best Practices for SAP Cloud.

**PROFESSIONAL EXPERIENCE:**  
**Client: Northern Trust Bank Chicago, IL Nov 2023 - Present**

**Role: SAP BTP Developer**

**Roles & Responsibilities:**

* Administered and maintained SAP Business Technology Platform (BTP) services, managing subaccounts, entitlements, service instances, and role collections to support cloud-native application development.
* Participated in on-call support rotation for business-critical interfaces, ensuring timely resolution of integration failures and maintaining 99.9% SLA uptime for CPI and PI/PO systems.
* Developed and deployed applications using SAP BTP CAP (Cloud Application Programming Model), ensuring optimal performance, scalability, and secure connectivity with SAP S/4HANA.
* Configured SAP Cloud Connector, IAS (Identity Authentication Service), and IPS (Identity Provisioning Service) to securely integrate on-premise S/4HANA with SAP BTP, enforcing robust role-based access control.
* Supported migration planning and re-platforming of legacy PI/PO interfaces into SAP BTP Integration Suite, including interface analysis, iFlow design, and testing to ensure parity and performance improvements.
* Developed Node.js CAP services with CDS models and SQLScript procedures on SAP HANA Cloud, deployed via Business Application Studio.
* Built and optimized HANA Cloud calculation views for financial reporting and analytics.
* Debugged and optimized BTP applications using logs, traces, and BAS SQL Console.
* Conducted feasibility analysis and POC for PI/PO to BTP CPI migration to modernize interface architecture and reduce on-prem dependency.
* Implemented and monitored SAP Event Mesh for real-time, event-driven communication between SAP S/4HANA and cloud services, reducing API polling and enhancing responsiveness.
* Created and managed SAP API Management policies to securely expose SAP S/4HANA services to external systems and partners, with throttling, authentication, and analytics.
* Developed and administered SAP Workflow Management for automating financial approvals, claims, and payment flows, integrating with Fiori Launchpad for seamless user interaction.
* Managed SAC (SAP Analytics Cloud) connectivity and content deployment via BTP, enabling real-time analytics and KPI dashboards for finance and operations teams.
* Executed integration scenarios via SAP CPI (Cloud Platform Integration), including IDOC, OData, and RFC-based communication with external financial and regulatory systems.
* Led migration of financial master and transactional data using SAP Data Intelligence and SLT, ensuring clean and accurate transition to S/4HANA Cloud.
* Performed system monitoring and health checks for BTP applications and services, leveraging Cloud Cockpit, alerting, and audit logs to identify and mitigate issues proactively.
* Developed CDS Views and AMDP procedures optimized for embedded analytics in S/4HANA, supporting SAC and Fiori-based reporting.
* Implemented compliance controls for IFRS 15 and ASC 606 within SAP BTP, including audit logging, workflow approvals, and secure role provisioning.
* Designed and configured SAP BTP Launchpad to provide role-based access to deployed Fiori applications and SAC dashboards across business functions.
* Collaborated with SAP BASIS and Security teams to manage service authorizations, troubleshoot integration issues, and ensure compliance with enterprise IT standards.

**Environment:** SAP BTP (Cloud Foundry), SAP S/4HANA Cloud, SAP Fiori/UI5, SAP HANA Cloud, CDS Views, AMDP, CAP, SAP CPI, SAP Event Mesh, SAP Workflow Management, SAP API Management, IAS/IPS, SAC, SAP Ariba, SAP Concur, Data Intelligence, SLT, IFRS 15, ASC 606.

**Client: Next Generation Technology, New York, NY Jan 2022 to Nov 2023**

**Role: SAP ABAP/BTP Consultant**

**Roles & Responsibilities:**

* + Developed and managed financial applications on SAP Business Technology Platform (BTP), ensuring secure and scalable integration with SAP FICO and SAP RAR for real-time reporting and compliance.
  + Administered SAP BTP services including entitlements, service instances, destinations, and security configurations using IAS/IPS and role collections.
  + Developed advanced Groovy scripts in SAP CPI for dynamic header/property assignment, error handling, conditional routing, and custom logging.
  + Designed complex message mappings in CPI using graphical, XSLT, and Groovy-based logic to support multi-structure XML/JSON transformations across financial and logistics domains.
  + Optimized CDS Views and AMDP (ABAP Managed Database Procedures) for real-time financial reporting on SAP HANA Cloud, enabling embedded analytics.
  + Configured and monitored integration flows via SAP CPI and SAP API Management, ensuring secure and reliable connectivity across SAP SD, MM, FICO, and third-party financial systems.
  + Automated revenue recognition scenarios within SAP RAR using BTP extensions and SAP Workflow Management, aligned with IFRS 15 and ASC 606 guidelines.
  + Built and deployed custom CAP (Cloud Application Programming Model) services and Node.js-based microservices on SAP BTP for extensible financial applications.
  + Created and managed SAP Fiori/UI5 applications in BTP Launchpad, delivering intuitive financial dashboards and KPI reports for key stakeholders.
  + Designed and configured workflow scenarios in SAP Workflow Management on BTP to streamline multi-level financial approvals and month-end close processes.
  + Configured BRF+ rules for pricing, tax calculations, and revenue allocations, improving automation and reducing manual processing errors.
  + Migrated large volumes of financial and revenue data to S/4HANA using SAP Data Intelligence, with validation pipelines ensuring data integrity.
  + Implemented predictive forecasting models using SAP AI Core and AI/ML services on BTP, enhancing financial planning and early risk detection.
  + Strengthened platform security by configuring SAP IAS/IPS, custom authorization objects, OAuth flows, and RBAC for cloud and on-premise access.
  + Integrated SAP Concur and SuccessFactors with S/4HANA Cloud using CPI and OData, increasing synchronization reliability and cutting down manual reconciliation efforts by 45%.
  + Performed system administration tasks, ABAP debugging, performance tuning, and coordinated UAT for stable cloud operations and optimized end-user experience.

**Environment:** SAP BTP (Cloud Foundry), SAP S/4HANA, SAP Fiori/UI5, SAP RAR, SAP FICO (GL, AP, AR, CO-PA), SAP SD, SAP MM, CDS Views, AMDP, SAP CPI, SAP API Management, SAP HANA Cloud, SAP IAS/IPS, SAP Workflow Management, BRF+, SAP Analytics Cloud (SAC), SAP Data Intelligence, AI/ML Predictive Analytics, IFRS 15, ASC 606.

**Client: Predactica, Plano, TX Apr 2020 to Dec 2021**

**Role: SAP BTP Consultant**

**Roles & Responsibilities:**

* Collaborated with business stakeholders to gather requirements and architect SAP BTP-based financial applications aligned with SAP FICO and BRF+ enhancements.
* Developed, deployed, and administered SAP Fiori/UI5 apps on SAP BTP using CDS Views, SAP Gateway, and OData, optimizing reporting performance and user access.
* Configured and maintained SAP BTP services, destinations, roles, and entitlements, ensuring scalable and secure cloud platform usage.
* Configured and tested Smart Data Access (SDA) and SDI for virtual and replicated access between on-premise SAP and HANA Cloud.
* Automated tax computation, revenue recognition, and pricing logic using BRF+ and SAP Workflow Management on BTP, ensuring full compliance with IFRS 15 and ASC 606.
* Performed data migration to SAP S/4HANA Cloud using SAP Data Intelligence and Data Services with rigorous validation and monitoring for 99.8% data accuracy.
* Integrated SAP EWM with SD and MM modules through SAP API Management and CPI, improving real-time logistics and inventory control processes.
* Designed and implemented event-driven architecture using SAP Event Mesh and CAP (Cloud Application Programming Model) for exception handling and validation triggers.
* Enhanced workflow automation using SAP Workflow Management on BTP, reducing invoice approval and financial closing cycles by 30%.
* Developed and tuned ABAP logic on HANA Cloud for automated reconciliation and real-time variance analysis during financial closes.
* Built predictive dashboards in SAP Analytics Cloud (SAC) for profitability analysis (CO-PA) and product costing (CO-PC), empowering data-driven financial decisions.
* Executed SAP BTP performance tuning and cloud-based transaction optimization using CAP logs and service metrics for improved cloud efficiency.
* Implemented secure access management using SAP IAS/IPS, including OAuth 2.0, SAML, and RBAC to safeguard cloud workflows and user sessions.
* Provided hypercare and post-go-live support for SAP BTP apps, monitoring system performance, resolving integration issues, and ensuring 99% system uptime.
* Mentored junior team members on SAP BTP, workflow automation, and best practices for cloud development, security, and operations.

**Environment:** SAP Business Technology Platform (BTP), SAP S/4HANA Cloud, SAP Fiori/UI5, SAP CPI, SAP API Management, SAP Workflow Management, SAP BRF+, CDS Views, SAP HANA Cloud, OData, SAP Gateway, SAP Event Mesh, SAP Cloud Application Programming Model (CAP), SAP Data Intelligence, SAP Analytics Cloud (SAC), IFRS 15, ASC 606 Compliance, SAP IAS/IPS.

**Client: Ranga Informatics, India May 2018- Dec 2019**

**Role: SAP SD Functional Consultant**

**Roles& Responsibilities:**

* Managed SAP SD implementations through Business Blueprinting, Realization, Go-Live, and post-deployment support.
* Conducted GAP analysis for SAP FI-SD integration, aligning business processes with system capabilities.
* Created custom ABAP programs based on functional requirements to enhance SD-FI transaction processing.
* Improved existing ABAP solutions through debugging, performance tuning, and refinement of user exits.
* Defined pricing structures, sales documents, billing cycles, and master data settings in SAP SD.
* Streamlined financial accounting configurations for accounts payable/receivable, asset accounting, and reconciliation.
* Utilized enhancement frameworks (BADI, user exits) to introduce event-driven process automation.
* Implemented Order-to-Cash (OTC) scenarios, handling sales orders, deliveries, invoicing, and revenue postings.
* Designed functional specifications for seamless integration between SAP and legacy applications.
* Diagnosed and resolved transactional inconsistencies in sales orders, invoicing, and FI postings.
* Coordinated data migration from legacy platforms using LSMW and custom ABAP scripts.
* Integrated SAP Revenue Accounting (RAR) with SD and FI, automating revenue recognition workflows.
* Conducted UAT and post-go-live troubleshooting, optimizing system performance and resolving defects.
* Delivered end-user training on SAP SD/FI processes, ensuring smooth business adoption.

**Environment:** SAP SD (OTC), SAP FI, ABAP, SAP RAR, BRF+, LSMW, SAP Solution Manager

**Client: Newton Software Pvt Ltd, India Jan 2016 - Apr 2017**

**Role: SAP SD Consultant**

**Roles & Responsibilities:**

* Handled end-to-end SAP SD Order-to-Cash cycles, covering sales order processing, pricing, and invoicing workflows.
* Designed pricing rules, defining access sequences, condition records, and discount structures for dynamic price determination.
* Managed diverse billing types (credit/debit memos, proforma invoices, intercompany invoicing) to optimize revenue flows.
* Enhanced business visibility through custom ABAP reports, tracking sales performance and delivery status.
* Configured output management (SmartForms, Adobe Forms) for accurate and automated invoice/document generation.
* Defined partner determination procedures to standardize customer/vendor relationships in sales transactions.
* Integrated SAP SD with SAP FI/MM, ensuring seamless transactional data exchange across logistics and finance modules.
* Built custom ABAP utilities for automated invoicing, sales tracking, and exception handling.
* Established credit risk assessments for customer credit limits, automating financial risk monitoring.
* Configured intercompany sales and stock transport orders, optimizing global distribution models.
* Developed IDOCs and BAPIs to integrate SAP SD with third-party applications for efficient data exchange.
* Conducted system validation (Unit, Integration, UAT) to ensure smooth functionality before production release.
* Provided post-go-live support by resolving sales pricing errors, billing mismatches, and ABAP-related issues.
* Led SAP SD end-user training sessions, promoting adoption of customized enhancements and best practices.

**Environment:** SAP SD (Sales, Pricing, Billing, Delivery, Credit Management), SAP ABAP (Reports, Forms, Enhancements), SAP FI/MM, SAP IDOCs, SAP CPI, SAP S/4HANA

**Education:**

* Bachelor of Education (B.E) in Information Technology from RVCE, Bengaluru, Karnataka, India. 2012 - 2016