**Deepthi**

SAP BTP CAPM & HANA XSA SENIOR CONSULTANT

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# CAREER SUMMARY

SAP BTP Consultant & SAP HANA XSA Senior Consultant with 12 years of IT experience, including 9+ years specializing in SAP BTP Cloud Foundry, CAPM, Node.js, SQL, SAP HANA XSA, and Native HANA development. Proven success in delivering end-to-end BTP implementations with expertise in HANA modeling, Cloud Foundry, and HANA Cloud development using BAS (Catalog, SQL Console, Trace). Proficient in SAP UI5, Fiori Elements, and JavaScript for frontend solutions, with hands-on experience in both monolithic and microservice architectures. Strong background in SQLScript, PL/SQL, Stored Procedures, Functions, Data Loads, and Calculation Views, as well as SDA, SDI, and Flowgraphs for data provisioning. Experienced in integrating SAP S/4HANA, BW, and ECC with BTP across supply chain and finance domains. Skilled in CI/CD pipelines, DevOps, debugging (logs/traces), and performance tuning (PlanViz, EXPLAIN PLAN). Recognized for leadership, mentoring, and consistently delivering client satisfaction by guiding teams, enforcing coding standards, and completing complex projects on time across global engagements.

# TECHNICAL SKILLS

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| * CAPM
* Node.js
* SQL
* HANA CLOUD
* RAP (Basic)
* CDS
* SAP UI5
* FIORI ELEMENTS
* SDA/SDI
* Calculation Views
 | * Flowgraphs, Data Provisioning
* JAVASCRIPT
* ODATA
* BTP FORMS
* BTP DMS
* XSUAA
* CLOUD Connector
* GIT & GITHUB
* CI / CD PIPELINE
* Debugging (Logs/Traces)
 | * MULTI THREADING
* BACKGROUND JOBS
* REMOTE DEBUGGING
* AUTO SCALAR
* GCP
* DESTINATION
* BATCH PROCESSING
* MIGRATION
* Performance Tuning (PlanViz, EXPLAIN PLAN)
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**WORK EXPERIENCE**

**Senior Consultant | Wipro Limited (Client: Cisco – BAAO)**

Oct 2023 – Jun 2025

**Key Contributions:**

* **Full-Stack Cloud Application Development** – Designed and developed end-to-end applications on SAP BTP using CAPM for backend (OData V2/V4, CDS, Proxy) and SAP Fiori/UI5 for frontend.
* **SAP S/4HANA, BW, and Fieldglass Integration** – Integrated SAP BTP applications with S/4HANA, BW, Workato and Fieldglass using Cloud Connector and Destination services.
* **Optimized Performance with Multi-Threading** – Improved application efficiency using parallel processing techniques to prevent frontend timeouts and enhance scalability.
* **Node.js for Background Jobs & API Development** – Built standalone Node.js programs for job scheduling, automated tasks, and SAP HANA interactions using CDS library.
* **SAP Fiori/UI5 & Fiori Elements Development** – Created SAP UI5 applications with XML, JavaScript, and Fiori Elements using annotations, Smart Controls, and List-Report templates.
* **Security & Authorization (XSUAA)** – Configured authentication and authorization for backend services using XSUAA on SAP BTP.
* **SAP BTP Document Management & Forms Service** – Utilized SAP DMS APIs for file handling and implemented BTP Forms for generating business documents in Fiori applications.
* **SAP HANA Cloud & SQL Expertise** – Configured SAP HANA Cloud, performed cross-schema access, optimized queries, and worked with SQL joins, views, and synonyms.
* **Version Control & CI/CD with GitHub** – Managed code repositories, collaborated via Git/GitHub, and followed DevOps best practices for deployment and transport across landscapes.

**Lead Consultant | Hinduja Global Solutions (Client: PepsiCo – SCM Analytics)**

Jun 2023 – Oct 2023

**Key Contributions:**

• Modeled advanced Calculation Views for supply-demand visibility, procurement analytics, and stock projections.

• Optimized Stored Procedures & SQLScript to handle large transactional datasets with Supplier ID & Control Code filters.

• Enhanced Reporting Applications with XSJS-based download functions integrated with Fiori workflows.

• Collaborated with UI/Fiori teams to enable workflow-driven analytics and user-triggered reporting.

• Improved Performance using PlanViz & EXPLAIN PLAN for query-level tuning.

**Assistant Consultant | Tata Consultancy Services (Clients: Takeda, SCB)**

Aug 2018 – Jun 2023

**Key Contributions:**

* **Developed Custom Apps using SAP FIORI** – Developed and integrated SAP UI5/Fiori applications with S4 HANA based backend, leveraging OData services and annotations.
* **Document Management & SAP BTP Destinations** – Configured BTP Destinations and integrated DMS APIs for secure document handling and storage.
* **SAP Fiori Launchpad & BTP Configuration** – Configured Launchpad tiles, catalogs, and groups in both S/4HANA and SAP BTP as per client requirements.
* **Unit & Integration Testing** – Conducted thorough testing to ensure seamless functionality and quality assurance.
* **Client Requirement Analysis & Bug Fixing** – Collaborated with backend and functional teams to analyze issues, provide solutions, and document development designs.
* **Advanced HANA Data Modeling –** Created Calculation Views, CDS artifacts, and hdbviews with input parameters and variables for flexible reporting.
* **Data Ingestion Frameworks –** Built ingestion pipelines using SDI, SDA, and Flowgraphs for integrating SAP and non-SAP sources into HANA.
* **Backend Development with CAPM & Node.js –** Developed CAPM services in Node.js to fetch, transform, and expose data for frontend applications.
* **Security & Authorization (XSUAA) –** Implemented authentication and role-based authorization for secure CAPM and OData services.
* **Cross-Schema & HDI Integration –** Configured synonyms and cross-container roles to enable secure multi-schema access in HDI containers.
* **Automation & Job Scheduling –** Automated notifications and scheduled jobs via Node.js and SAP BTP Job Scheduler.
* **Agile Delivery –** Delivered features iteratively using Agile methodology, ensuring close collaboration with stakeholders.

**Senior Software Engineer | Accenture (Clients: BMW & Bell Canada)**

Apr 2015 – Feb 2018

**Key Contributions:**

• Designed Aging Models & Calculation Views for financial compliance projects (IFRS 15, PMP).

• Implemented Data Provisioning using SDI/SLT for ECC → HANA replication.

• Debugged & Tuned SQL Procedures to optimize large-scale financial reporting.

• Collaborated with Stakeholders to refine reporting logic and business transformation requirements.

**Software Engineer | Tesco HSC Pvt. Ltd.**

Apr 2012 – Oct 2014

**Key Contributions:**

• Developed & Enhanced Retail Systems with SQL jobs, procedures, and shell scripts.

• Monitored & Tuned SQL Queries for high performance in large-scale retail operations.

• Provided 24/7 Production Support resolving critical incidents under strict SLAs.

• Automated Backup & Restoration Processes ensuring robust data recovery and integrity.

• Coordinated with Business Teams to analyze escalations and deliver technical fixes.

**ACHIEVEMENTS**

• Honored with the ‘Customer Satisfaction’ Award for client-side project delivery excellence in Wipro.

• Received formal appreciation from client managers for completing complex tasks on time and adhering

 to coding best practices in TCS.

**EDUCATION**

B.Tech in Information Technology | Sri Sarathi Institute of Engineering and Technology, JNTU Kakinada.