# SAP UI5 & MII Consultant

Languages: English, Hindi

Nationality: Indian

Contact: +91 7875548279

Mail-Id: ninad.ramade@gmail.com

**Summary:**

Software Engineer specializing in SAP MII & SAP UI5 application development. Complete multi-tiered application development life cycle experience using SAP UI5 and MII standards. Over 7 years of object-oriented analysis, design, and development experience. Brings excellent work ethic and motivation to the workplace.

**Educational Qualifications**

Bachelor of Engineering in Information Technology from Jaipur National University- Jaipur 2009-2013.

**Skill sets:**

**Programming Languages and Technologies**

SAP MII (Manufacturing Integration & Intelligence), SAPUI5, PCo, JavaScript, Ajax, XML, SQL Server, MS Access, JQuery, CSS.

**Environments:**

SAP Manufacturing Intelligence and Integration (SAP MII) – 15.0, 14.0, 12.1, 12.0

SAPUI5 (HTML5 based UI framework)

KepwareEX, Plant Connectivity Management Console

Java server pages, Servelets, JavaScript, Ajax, JQuery, HTML, dHTMLX, ABAP

SQL

Knowledge on SAP Net Weaver

Operating Systems : Windows XP/7/8.

ERP: SAP ECC 6.0..

Development Environment: SAP MII Workbench

ALM.

**Version control**

NWDI – Net Weaver Development Infrastructure.

**Databases**

SQL, PL/SQL, SQL\*Plus

**Development IDEs**

Web IDE Personal Edition

Eclipse – Juno, Kepler, Mars

SAP MII Workbench

# Experience:

**Infosys India Pvt Ltd: 11/2020 – Present**

**Britvic Inc**

**SAP MII & UI5 Consultant – Implementation**

Working on an SAP MII – OEE implementation currently, Created an SAP UI5 POC for client to showcase UI5 capabilities and how well OEE custom UI dashboards for OEE, CBM and Energy can be created by integrating 3rd party open source tools like justguage and raphael.

**Refresco Ltd**

**SAP MII & UI5 Consultant – Implementation**

Worked on an SAP MII implementation project for a US based client moving towards paperless manufacturing. This client has SAP solution in place for actions like result recording, documentation, consumption, and confirmations etc.

Helping team in designing architecture of backend database based on HANA and integration with MII.

Assisting client in requirement gathering and providing solution.

Working on a SAPUI5 dashboard to show action items collectively.

**Bausch Health**

**SAP MII & UI5 Consultant – Implementation**

Worked on an SAP MII implementation for a Canadian client with plant at 3 sites.

Created various interfaces inbound and outbound to SAP for goods issue, material master, BOM, Recipe etc.

Configured message monitoring and scheduled jobs for smooth run of operations.

The objective was to make this implementation automated at its best, so if in future more interfaces add up, the work required would be minimal.

Created a SAPUI5 dashboard to maintain message routing details and processing report for inbound and outbound messages like type of outbound (wsd, odata, http etc), timezones etc.

Testing, writing and execution of scripts using ALM tool.

**BMI**

**SAP MII & UI5 Consultant – Support**

Worked on a support project where Shop floor automation is achieved. MII gets notified from PCo and raises alert in case of change at shopfloor level. Shopfloor (historian system) of this system is connected to OPC servers which is further integrated with PCo. MII also sends response and validates data back to PCo. Data and events sent by PCo and OPC server is stored in custom DB and later shown as a report in UI5 dashboards with capabilities of showing Loss analysis, Availability, Performance, Quality, KPI, Downtime etc. for Lines and Plants.

**Accenture Solution PVT Ltd.: 4/2019 – 10/2020**

**Bell Helicopters**

**SAP MII & UI5 Consultant – Support**

Worked on a support project where Shopfloor SCADA system was connected to Pco through OPC-KepwareEx systems. Pco was integrated with MII and MII used to send validated data back to Pco and shopfloor. I was responsible for monitoring of dashboards and resolve issues in case arised from Pco or MII side.

**NTT Data: Formerly Dell Services: 05/2017 – 04/2019**

**Kennametal client**

**SAP MII & UI5 Consultant – Implementation**

Worked independently on SAP MII and UI5 based application development which includes implementing user requirement-based solutions.

Took over the control from senior resources, worked on requirement gathering.

Connected on regular basis with US based client team.

Created custom OEE dashboards.

Creation of manufacturing dashboards, SPC charts, integration with ERP systems.

Created bls and SQL queries/stored procedures.

SAPUI5 development for enriched user experience.

SAP PCo integration with OPC system which was connected with historian system at shopfloor.

SAP PCo configurations and created BLS as MII destination for PCo.

Area of job mostly included developing new applications to automate client’s manufacturing units.

**NTT Data: Formerly Dell Services: 05/2017 – 04/2019**

**Lumileds Client**

**SAP MII Consultant – Support**

Worked on support of US based client Lumileds, with plant location at various places and multiple servers.

Job included monitoring systems and taking appropriate actions in case of any pending/error messages on message monitor.

Responsible for restarting MII servers along with background jobs during weekly scheduled activities and taking care of flow from MES (CAMSTAR) to MII and other way round.

**Fujitsu: 12/2015 – 01/2017**

**Greenheck**

**SAP MII & UI5 Consultant – Implementation**

Have worked independently for implementation of US based client Greenheck.

Have worked on enhancing client’s business by providing legitimate solutions and helped with the requirement gathering.

Have worked on integration of SAP ECC 6.0 with SAP MII by using JCo where UI is built on DHTMLX and SAPUI5. Actively developing BLS, query templates, etc.

Have developed several real time dashboards based on SAPUI5 and DHTMLX, both desktop and mobile based on MVC architecture.

Have developed SQL stored procedures as per user’s requirement.

Developed several applications based on SAP MII, UI5 and ECC system from scratch. Also Working on NWDI to cope with version control.

**Fujitsu: 11/2015 – 12/2016**

**Pacific Gas & Electric**

**SAP MII & UI5 Consultant – Support**

Worked on supporting and resolving issues related to existing application.

Developed several BLS for client and added features to existing SAPUI5 based dashboards.

**Fujitsu: 09/2015 – 11/2015**

**Valero Steels**

**SAP MII & UI5 Consultant**

Worked on integration of 3D Visual Enterprise Viewer with SAP UI5 based application.

Created real time dashboard using SAP MII and UI5.

**Fujitsu: 02/2015 – 09/2015**

**Abu Dhabi Food Corporation Authority**

**SAP UI5 Consultant – Implementation**

Developed an application for client based on both mobile (windows and android) and desktop.

Worked independently as the only responsible resource for whole development.

The application was built on SAP UI5.

Used oData services to fetch real time data.

This application had several features like camera, phone call, mail etc.

This application is capable working offline.

Development on JavaScript, JQuery, SQL is involved.

**Fujitsu: 08/2014 – 01/2015**

**SAP Manufacturing Monitoring Dashboard**

**SAP MII & UI5 Consultant– Development**

Worked on development on SAP Manufacturing Monitoring Dashboard which monitors performance of Alerts and KPIs, Business Logic Servers, TPAT, Scheduler, File Usage, Data Server and others for Fujitsu Consulting India.

Have done integration of TPAT in this application, Transaction Performance Analyzer Tool. This was capable of reporting and monitoring how a transaction behaves at run time.

This is now being used as a standard tool to test performance of MII transactions across all MII projects.

# Trainings:

**SAP MII and SAPUI5**

Attended detailed training on SAP MII and SAP UI5 for 4 months and covered following topics in detail:

BLS, Query Templates, Integration with ECC using JCo, Integration with SQL Server 2012, 2008, 2008 R2, Integration of SAPUI5 with MII, MDO and other important topics.

**SAP Fiori and ODATA basics**

Attended basic training on oData and Fiori, This involves development of oData service and consuming it on UI.

**SAP ABAP**

Worked on following aspects of ABAP during training.

Alv reports, Sap Script, Smartform, Bapi, Bdc, Module pool, Legacy system migration workbench, Table maintenance generator, User Exits