

# Sandeep Jayendran

*SAP Identity Management Consultant*

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## Profile Summary

I am an SAP Identity Management (IDM) consultant / SME, with about 9 years of overall IT experience; I started my career as a .NET developer, spending 3 years, helping my team then, to develop an in-house IDM platform. About 6 years ago I moved out of .NET and purely into the SAP IDM space, and I've been honing my skills ever since; Within an SAP IDM project, I have worked on requirements definition, estimations, functional / technical design, configuration, customization, deployment, knowledge transfer and training.

## Job Experience

### Accenture

**Employer : Accenture (Bangalore, India)**

**Project : SAP IDM Implementation – Australian Municipality**

**Project Duration : January 2014 – December 2014**

**Assigned Role : Solution Architecture Practitioner**

#### Project & Role Description

Served as the primary SAP IDM consultant for the 1 month pilot phase; after the success of the pilot POC at the end of January, I served as the lead SAP IDM consultant and Associate Manager, overlooking another SAP IDM resource. I am currently overlooking / supervising and helping build an SAP IDM solution based on the client's requirements; some of the tasks I am working on within the scope of the project are:

- SAP IDM solution build
- Requirements definitions / finalization
- Guidance on project schedule / plan / estimates / build
- Creation of project / solution related documentation
- Training / KT to other BAU members of the Accenture Security team within the project.

An overview of each phase of the project is detailed below:

Pilot phase - Implementation of SAP Identity Management, firstly in a limited 1 month Proof of Concept (POC) for 1 ABAP system (ECC) and 1 AS JAVA system (Enterprise Portal)

Release 1: With the Pilot phase being deployed successfully, the goal with Release 1 was to extend the same functionality implemented during the POC, to all other ABAP / JAVA systems within the SAP landscape for Release 1; 38 ABAP systems & 24 JAVA systems; in addition to the features already implemented in the POC

Release 2: With Release 2, the goal was to fortify and add on to what was already built in Release 1, while also adding some extra systems

**Employer : Accenture (Bangalore, India)**  
**Project : IDM Development – Global Software Leader**  
**Project Duration : January 2013 - December 2013**  
**Assigned Role : Solution Architecture Practitioner**

**Project & Role Description**

As the primary developer / contributor, I am currently helping / assisting the client with ongoing SAP IDM development work such as:

- Ongoing SAP IDM development
- Development support with planned upgrade activities
- Support with all documentation
- Support with testing
- Support with production preparation aspects
- Collaborate with IT team members

**Employer : Accenture (Bangalore, India)**  
**Project : Insider Directory - Pilot – Global Software Leader**  
**Project Duration : September 2012 - December 2012**  
**Assigned Role : Solution Architecture Practitioner**

**Project & Role Description**

Worked as the primary contributor on the Insider Directory pilot project; this involved requirements analysis, documentation, development, testing & creation of jobs / tasks / interfaces as well as training documentation.

**Employer : Accenture (Bangalore, India)**  
**Project : CORE - Security / IDM implementation**  
**Project Duration : July 2011 - September 2012**  
**Assigned Role : Solution Architecture Practitioner**

**Project & Role Description**

Currently serving as lead IDM developer on the SAP IDM implementation of the CORE project.

Working with onsite SAP Security resource to implement SAP IDM functionality, jobs, tasks and user interfaces all based on Release 1 and Release 2 requirements:

Release 1 requirements:

- User & Role provisioning to SAP target systems: ECC, PI & POSDM
- Modification of existing users in the same target systems listed above
- Password self-service

Release 2 requirements:

- IDM-GRC AC 5.3 integration for compliant user provisioning with risk analysis and role approval workflows
- User & Role provisioning to SAP target systems: BW, SRM & MDM
- Extension of existing Release 1 functionalities to new systems as part of Release 2 requirements.

As part of this effort I worked on the following:

- Creating background jobs and UI tasks within SAP IDM 7.1 to achieve the above stated requirements
- Integrating IDM 7.1 & GRC AC 5.3 for compliant user provisioning, risk analysis and role approval

- Creation and customization of GRC CUP workflows so as to meet requirements and integrate properly with IDM.

**Employer : Accenture (Bangalore, India)**

**Project : RFP for SAP IDM – Australian municipality**

**Project Duration : January 2012 - February 2012**

**Assigned Role : Industry Subject Matter Advisor**

**Project & Role Description**

Served as SAP IDM SME and assisted a team of 3 in the development of the RFP for an SAP IDM implementation at an Australian municipality

**Employer : Accenture (Bangalore, India)**

**Project : RFP for SAP IDM – Intergovernmental Organization**

**Project Duration : December 2011 - January 2012**

**Assigned Role : Industry Subject Matter Advisor**

**Project & Role Description**

Served as SAP IDM SME and assisted a team of 3 in the development of the RFP for SAP IDM implementation effort at an Intergovernmental Organization.

**Employer : Accenture (Bangalore, India)**

**Project : Security Center of Excellence**

**Project Duration : May 2011 - June 2011**

**Assigned Role : Technical Writer**

**Project & Role Description**

Drafting and development of IAM Estimator and Offering Services Document.

**Employer : Accenture (Bangalore, India)**

**Project : RFP for SAP IDM - Belgium MNC**

**Project Duration : May 2011 - June 2011**

**Assigned Role : Industry Subject Matter Advisor**

**Project & Role Description**

Served as SAP IDM SME and assisted a team of 4 in the development of the RFP for an SAP IDM PoC implementation at a Belgium MNC.

**Employer : Accenture (Bangalore, India)**

**Project : Rights Management System**

**Project Duration : August 2010 - May 2011**

**Project & Role Description**

Served as the Team Lead within the RMS Project, which is an SAP IDM implementation, and was responsible for the following:

- Resolving T2 & T3 support tickets
- Reporting ticket status in daily morning calls
- Participating in root cause elimination by providing detailed and complete request and solution descriptions
- Modifying and developing workflow tasks or jobs as per the needs of issue resolution.
- Identify ticket types that have generated most load on support and possible ideas on how to fix these

- Communicating support, service, downtime and delivery related content to relevant audiences, including Tier 1 support, end users and other interest groups
- Guiding & assisting the team with support activities / tickets
- Training & improving the overall knowledge of the team around SAP IDM.
- Developing tools/guides/knowledgebase related to SAP IDM and support related tasks
- Getting the entire team up to speed and comfortable with the SAP IDM product and RMS environment.
- Lead RMS 1.5 development effort
- Worked on code separation effort - logical separation of RMS 1.5 and RMS 1.0 SAP IDM code / jobs / tasks
- Development / Testing of user / group provisioning jobs to NOE AD environments
- Development / Testing of UI logic for new workflow tasks - content validation, data checks using Javascript within the workflow tasks
- Research and Analysis of possible Identity Management alternatives to SAP's suite, for the client.

**Employer : Accenture (Bangalore, India)**

**Project : Code Security Project**

**Project Duration : August 2010 - December 2010**

#### **Project & Role Description**

Lead the effort (along with 2 other team-members) for the creation of Code Vulnerability Database for the Code Security project; also had to gauge the capability of a tool like CodeProfiler at detecting such vulnerabilities.

## **Secude Global Consulting**

**Employer: Secude Global Consulting (Charlotte, NC, USA)**

**Project : Several**

**Project Duration : February 2008 - June 2010**

**Assigned Role : Technical Designer**

#### **Project & Role Description**

Role Description: Primary technical contact: trained on new product, CodeProfiler; Code Analysis tool used to discover security defects and holes within ABAP code. Conducted CodeProfiler demos for prospective clients.

Technologies used: HTML, ABAP

Customer: Multinational Consumer Goods Company, Bangalore, India

Project description: Assisted with SAP ECC 6.0 security support

Role: Creating and reviewing Roles & Authorizations using Profile Generator; Creating derived roles; Creating User IDs and assigning roles; Identifying users with unauthorized tcodes; Setting up Compliance Calibrator with Segregation of Duties (SoD) rules, and running and reviewing SoD conflict reports; Reviewing Firefighter Logs; Implemented SECUDE SecureLogin for SAP GUI Single Sign On using Active Directory authentication; configured SecureLogin for use with SAP Widget Foundation for instant access to SAP reports through SAP GUI.

Project description: Developed Augment, a Change Management tool for SAP NetWeaver Identity Management (IdM), that is currently being marketed and sold by SECUDE. This tool was primarily developed to help make up for many of the shortcomings one faces when working with a SAP NetWeaver IdM implementation.

Role: Developer and Primary technical support

Technologies used: C#, .NET 3.5, MS SQL Server, ADO.NET, LINQ

Customer: Compass Group USA

Project description: Implement SAP NetWeaver Identity Management solution for pilot.

Role: Worked on the System Requirements, design of the workflow tasks and backend jobs, custom development focused on Workflow GUI enhancements, internally developed an Identity Management all-in-one installer and developed an interface to parse

and read the client's custom XML data feed.

Technologies used: SAP NetWeaver Identity Center, PHP, Smarty, HTML, Javascript, NSIS, SQL Server 2005, ORACLE 10g/11g, Microsoft Windows Server 2003

## Duke Energy

**Employer: Duke Energy (Charlotte, NC, USA)**

**Project : Several**

**Project Duration : June 2005 - February 2008**

**Assigned Role : Software Developer**

### Project & Role Description

Project description: Rewrote the critical business logic component of the already existing Workforce Identification Policy (WIP) - enterprise wide process, using .NET technologies.

Role: Application Developer and Primary technical support

Technologies used: C#, .NET 1.1, MS SQL Server, ADO.NET, XML, .NET web services, Microsoft Active Directory, IBM WebSphere MQ, Microsoft Windows 2000

Project description: Developed a utility to assist with the merger of Cinergy's phonebook/building data with Duke Energy's legacy data.

Role: Application Developer

Technologies used: C#, .NET 1.1, MS SQL Server, Microsoft Enterprise Library

Project description: Developed a utility to automatically add appropriate DEGT (Duke Energy Gas Transmission) employees to WIP's exception list, which was to be used during the Gas spin-off project.

Role: Application Developer

Technologies used: C#, .NET 1.1, MS SQL Server, ADO.NET, Microsoft Active Directory

Project description: Coordinated migration activities across various IT areas for our Gas Transmission spin-off project

Role: Lead Coordinator

Project description: Developed a tool to process existing Active Directory groups, within a specific Organizational Unit, so as to replace referenced Microsoft Outlook contact objects with an Active Directory object equivalent. This tool was developed to supplement our existing ITROM process.

Role: Lead Developer

Technologies used: C#, .NET 2.0, MS SQL Server, Microsoft Enterprise Library

Project description: Developed a web interface for our already existing ITROM (Information Technology Resource Owner Management) process

Role: Lead Developer

Technologies used: ASP.NET, C#, .NET 2.0, MS SQL Server, Microsoft Enterprise Library

## Education

- **University of South Carolina - Columbia, SC, Graduated in May 2005**
  - **Bachelor of Science in Computer Science**, Application Area: Management Science
  - **Dean's Honor List**: Fall 2001, Spring 2003, Spring 2005

## Certifications

- CISA-Cert. Information Systems Auditor – 2012
- MS-MCAD Apps Dev -2004

## Skills

- SAP Netweaver Identity Management
- Javascript
- SQL
- HTML / CSS
- C# / JAVA / C++