

# Subramanian R

**SAP** Certified Associate in ABAP

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## Professional Summary

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- o SAP certified ABAP consultant with 8.2 years of experience in SAP Technology
- o Worked across various roles like Full Stack Developer, Development Lead & Senior Developer
- o Has knowledge & worked on SAP BTP RAP model [Restful ABAP Programming]
- o Has knowledge & worked on SAP ABAP on HANA model
- o Has knowledge & worked on SAP UI5 & Fiori Launchpad Designer
- o Expert in Core Data Services, CDS based BOPF, CDS based OData, OOP ABAP
- o Worked on Greenfield, Brownfield, Migration & Support projects for both T&M & Fixed price models
- o Worked for customers in the sectors like Banking, Retail, Aerospace & Manufacturing
- o List of certifications:
  - o Global SAP certification : SAP ABAP, version NetWeaver 7.4
  - o OpenSAP certification(s) : SAP Hana Cloud Platform (HCP), SAP Leonardo (IoT), SAP iRPA
- o Presented a technical whitepaper on SAP iRPA & developed POC for NTT Data's S/4 Practice
- o Highly focused on customer delight & offers in-depth consulting to the clients.

## Skills Profile

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### SAP SKILLS

- BTP – ABAP RESTful application programming model
- ABAP on HANA programming model
- CDS-Based BOPF
- Core Data Service
- OOP ABAP
- DDIC & Core ABAP
- SAP UI5

### NON-SAP SKILLS

- JavaScript
- XML
- HTML5

## Key Responsibilities

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- o Part of the Full Stack Development team, responsible for custom developments using CDS, CDS based BOPF, OO ABAP, UI5 & FIORI
- o Client facing experience by obtaining requirements along with Business Analyst, worked in effort estimation, proposing technical design, validations for critical functional requirements
- o Developing POC for the business use case & performing extensive code review for the team
- o Collaboration with cross domain team in design & development of technical objects.
- o Focuses on Keeping The Core Lean & Clean.
- o Focuses on high First Pass Yield
- o Follow Agile methodology & Eclipse based developments; Webide, Bitbucket & Orion for UI5; other tools like JIRA for stories & grooming; Confluence for documentations
- o Providing ABAP on HANA & CDS training across Capgemini “FS-Financial Service” SAP practice

- o Helping the lateral recruits & newbies of the team by giving technical sessions for them to jumpstart project and work on deliverable smoothly

### **Professional Experience**

<b>ProAct, SWIFT Belgium</b>	<b>From 06/22 to till date</b>
<b>Offshore Sr. Developer</b>	

The scope of the project is to create full stack custom developments.

- I've extensively developed Full Stack Transactional apps & Non Transactional Apps
- Create apps which are Draft enabled that behaves according to the state of calling i.e, interaction phase or save phase
- Created behavior pool which caters determinations, business actions & business validations for transactional apps
- Create complex CDS models [ base views, bopf interface views, consumption views & projection views] incorporating Root & Child entities using joins, associations, union, nested views & i/p parameters
- Created CDS Virtual elements to populate on-the-fly fields
- Created CDS annotations for ABAP & UI5
- Create CDS based BOPF & configuring its working behaviour in BOPF objects
- Adapt existing UIs based on the SAP Fiori UX – Add, hide, move, or regroup fields on the screen, add custom fields, and change label texts
- Improve UX by redesigning the UI for existing applications (for example, simplifying data-entry screens. dropping screens that are not required, auto-filling fields & translation)
- Created Stand-alone non-transactional application based on own data model with occasional consumption of standard data in SAP S/4HANA
- Team composition: 1 PO, 3 BA, 4 Full Stack Developers, 4 Testers.

<b>E-Forms Portal - API Project, SWIFT Belgium</b>	<b>From 12/21 to 06/22</b>
<b>Offshore Sr. Developer</b>	

SWIFT is a global provider of secure financial messaging services; by utilising SWIFT products, banks & financial entities communicates with one another globally. Products from SWIFT [120+ products], including subscriptions, services, & message configurations, are stored in newly created HANA DB

The scope of the project is to create, modify, & consume data into & out of the ProAct HANA system & SAP ECC, then send the data back to SWIFT's end-user portal, E-FORMS, where customers perform ordering & billing.

- I've extensively worked in OO-ABAP in creating new class & methods from scratch. I've developed 4 classes, over 15 complex methods & its auxiliary technical objects like class interfaces, DDIC objects, text elements, message class
- I've developed 15+ RFC & FM from scratch
- I was involved in the development of POCs with SWIFT architects & cascaded the object details to CG colleagues for them to develop similar objects independently in subsequent sprints
- I've created OO-ABAP objects which will dynamically populate "nested ODATA queries" to perform ODATA operations created through CDS like get, post [simple intent & payload approach], delete, function imports based on input from customers in the EFORMS portal. Data is then manipulated in par with custom logic & fed back to E-FORMS via RFC
- High first pass yield were there for the objects that I developed
- Since the client was in the financial sector, strict adherence to SAP best practices, coding, & naming standards was obligated
- Multiple code reviews were performed, one by SWIFT ABAP architect & other by CG ABAP manager

- Each technical object & TR underwent transport consistency, VFORGE, code inspector & ATC checks, along with the results of technical unit test
- I was the only team member to deliver a greater number of complex objects in all the 12 sprints. I've received client appreciations & internal appreciations from my colleagues & project delivery managers
- I've held numerous internal trainings about ABAP concepts & the business, landscape, & high-level architecture of SWIFT client within the context of my project
- In addition to project deliverables, I've extended support to newbies & laterals in briefing the functional specification assigned to them & the best ABAP approach for the given problem statement consulting with client architect & internal technical manager
- Agile methodology was being used; sprint planning, product backlogs, daily stand-up [video calls with client], & retrospective meetings were conducted
- JIRA scrum boards & stories were used to track the delivery efforts & slippages
- CG ABAP team size was 11 along with 1 ABAP manager, 2 scrum masters & 1 PM from offshore

<b>One Finance - SCHip, The Home Depot, USA</b>	<b>From 11/20 to 12/21</b>
<b>Offshore Developer, IT Analyst</b>	

The Home Depot is an American multinational home improvement retail corporation that sells tools, construction products, appliances, & services

The scope of the project was to do SAP S/4 HANA Greenfield Implementation for Retail Stores across USA.

- I've extensively created classes & class interface on OO-ABAP in S4 HANA systems
- I've developed & configured inbound & outbound AIF interfaces in S4 HANA systems which in turn connects with PI to transmit data to 3rd party systems
- I've done performance tunings on numerous technical objects
- I've created Mapping FM, Action FM which triggers AIF interfaces thru /AIF/CUST TCODE
- I implemented Cloud BADI's in Fiori using "Fiori CFL - Custom Fields & Logic" & customer logic was incorporated on Fiori screens
- I created CDS views as per requirement & consumed it
- Error monitoring was customized in /AIF/ERR for a better user experience
- Worked on S4 Greenfield Implementation (Agile cycle) – Plan, Design, Build, Test, Review along with documentation work like TS, TUT, Technical Cutover, Code review, VFORGE & ATC documents.
- TCS ABAP team size was 4 along with 1 ABAP manager, 1 scrum masters & 1 PM from offshore

<b>StoreOps Migration, The Home Depot, Canada</b>	<b>From 08/21 to 12/21</b>
<b>Offshore Developer, IT Analyst</b>	

The scope of the project was to do a data migration from existing ECC system to S4 HANA systems across retail stores in Canada. PANAYA tool is leveraged to perform ATC checks & code migration activities

- Executing PANAYA tool for the ABAP objects to detect those places where performance should be improved
- Prioritizing the objects after discussing with functionals & business
- Remediate the ECC code. Optimizing the code as per 7.5/7.4 standards
- Created CDS views as per requirement to introduce new feature
- Retire the outdated ECC code
- TCS ABAP team size was 7 along with 1 ABAP manager & 1 PM from offshore

<b>AEROSPACE Development &amp; Support, Honeywell International Inc</b>	<b>From 10/18 to 11/20</b>
<b>Offshore Developer, Sr. ERP Analyst</b>	

Was leading the Honeywell rapid development & production support team  
Mainly working on following objects – RICEF, ODATA, IDOCS & SMARTFORMS related requirements focusing on business-critical modules i.e., P2P & Honeywell After-Market/Customer-Support

Providing post go-live support & developments ranging from 0 - 80 hrs, for various project delivered to client across process areas like MFG, OM, SRC & Log

- Have worked on modification, enhancements & bug fixes to existing reports, IDOC programs, ODATA objects
- I had been the resource for dedicated module "SAP After Market" & interacted closely with customer at site in resolving technical issues on Routine Maintenance/Production Support/User Support Tickets
- Worked on IDOCs with Non-ERP team & other 3rd party vendors
- Worked extensively on SMARTFORMS & SAP Script in diff languages
- In-depth knowledge in Debugging & technical dump errors
- Adhering the Honeywell & NTT SQA process for technical objects
- Ensuring proper documentation throughout development/enhancement of new/existing technical objects
- Reviewing & applying SAP OSS Notes coordinating with basis/functional teams according to the customer requirements
- Working on Pre-outage & Post-outage activities for ECC, BW & APO teams along with basis & functional consultants across modules

<b>PMT Development &amp; Support, Honeywell International Inc</b>	<b>From 05/16 to 10/18</b>
<b>Offshore Developer, ERP Analyst</b>	

Working as a part of Honeywell's technical team on SAP ABAP related developments

Working based on business requirements, which are handled according to their SLA which provides a specific timeframe within which the objects are required to be delivered in Production

- Worked on ABAP RICEF objects for multiple business process like P2P, O2C, H2R, MFG & FICO
- Worked on creating ABAP reports, DDIC Objects, Function Modules, Enhancements & User Exits.
- Have worked on modification, enhancements & bug fixes to existing reports due to client requirement for SD PP,PS & MM modules widely
- Worked on barcode & label creation for ISC module using BARTENDER tool with SAP Script

## **Summary of Projects**

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### **ProAct, SWIFT Belgium**

*from 06/22 to till date*

Offshore Sr. Developer

The scope of the project is to create full stack transactional applications & reporting apps in FIORI in ProAct HANA system; should enable RAP features like business enrichments, business validations & business actions & control the sequence of SAVE of the business objects; Customers perform banking operations in this HANA system thru these apps.

Full stack is leveraged like DDIC, RFC, OO-ABAP, CDS, BOPF, ODATA, UI5 & FIORI.

### **E-Forms Portal - API Project, SWIFT Belgium**

*from 12/21 to 06/22*

Offshore Sr. Developer

The scope of the project is to create, modify, & consume data into & out of the ProAct HANA system & SAP ECC, then send the data back to SWIFT's end-user portal, E-FORMS, where customers perform ordering & billing.

OO-ABAP & RFCs were leverage for implementation.

### **One Finance - SCHip, The Home Depot, USA**

*from 11/20 to 12/21*

Offshore Developer, IT Analyst

The scope of the project was to do SAP S/4 HANA Greenfield Implementation for Retail Stores across USA

Data from various upstream & downstream systems are received, processed & sent back thru S/4

SAP AIF was leveraged to connect to Non-ERP & SAP systems.

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## **Certifications**

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SAP ABAP Certification ID: 015893670

## **Education**

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Anna University, Chennai, Tamil Nadu, India, B.Tech/Information Technology, 2015

### **Professional Organizations**

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- ✎ CAPGEMINI      Dec 2021 - Current
- ✎ TCS              Dec 2020 – Dec 2021
- ✎ NTT DATA      May 2016 – Dec 2020

### **Personal Information**

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