**Raul Planas**

•0407 430 721•Planas.Raul@gmail.com•[linkedin.com/in/raulplanas](about:blank)•[https://github.com/RAP1705](about:blank)

**Professional Summary**

Certified SAP BTP Full Stack Developer, SAP HANA Cloud and Gen AI Consultant with expertise in software development, business process analysis, and back-end solutions, including solid technical expertise in cloud services and programming languages such as Python, JavaScript, and SQL. Extensive experience in designing and delivering innovative data solutions, streamlining business processes, and leading complex projects using SAP Best Practices for global industry leaders.

**Technical Skills**

**Software Development & Backend Expertise:** Python, JavaScript, Node.js, FastAPI, SQL, SQLScript, PostgreSQL, JavaScript, HTML, CSS, and Odata.

**SAP Expertise:** SAP BTP CAPM, SAP BTP AI, SAP BAS, SAP Integration Suite, SAP Build Low-code/No-code Applications, SAP Hana Cloud Modelling, and SAP ABAP programming,

**Methodologies and Tools:** Agile, ASAP, Machine Learning, Deep Learning, Langchain, Postman, Visual Studio Code, Streamlit, PyCharm and Ipynb, Tableau.

**Professional Experience**

21st Consulting Services – El Salvador

**SAP BTP Developer** May 2023 – Feb 2024

This was a green field implementation. My role was to bring the data from S/4Hana and make it available for reporting within the SAP Hana Cloud.

*Key Projects and Achievements:*

* Developed Data Modelling in SAP Business Application Studio for medium size party supplier.
* Produced SAP Calculated Views reducing compilation of data from different sources. Elimination of manual processes.
* Produced SDI connection from S/4Hana to SAP Hana Cloud. Data availability was almost in real time.
* Built Flowgraphs for persistent data within SAP Database Explorer.

**SAP BTP – Trial Version (Personal Development)** Nov 2022 – April 2023

Diligently fulfilled all training courses and projects with a high degree of accomplishment to fully engage with the SAP BTP technology. I took a sabbatical year to become a full flesh SAP BTP consultant.

HCL Australia Services

**SAP Data Analytics – Lead Consultant** June 2021 – August 2022

As SAP Data Analytics Team member, I was assigned to Fonterra (Client to HCL). The Project Portena was about to provide stock out of European Plants to customers within that market. The stock required was not available, and Fonterra was compelled to provide a material of higher value and was intended to be supplied when the stock requested could not be produced out of New Zealand Plants.

*Key Projects and Achievements:*

* Fonterra (Customer) is a global New Zealand based - Dairy Company operating in the US with robust SAP Architecture.
* Redesigned and built the SAP Data Analytics - “Stock Transfer”. Process initiated when New Zealand plants could not provide stock requested. As a result, European Plants provided high level materials of those ordered reducing 97% delay.
* Amended SAP Hana Calculation Views to include new measures, including the utilization of SAP Hana artefacts.
* Modified existing SAP BW/4Hana ADSOs and produced ABAP code within the transformations balancing the stock transfer accuracy. Stock on hands was 100% accurate.
* Altered several SAP Bex Queries to display the new movement types in existing KPI reports.
* Produced and tested - Milk Price Adjustment – Test Plans in HP - ALM.

Bayer – Headquarters, St Louis, Missouri USA

**SAP Hana Architect**  June 2019 – Nov 2020

As SAP Hana Architect, I was responsible for building the solution design for amalgamating Monsanto (this company was acquired by Bayer – Germany) to Bayer Infrastructure. My work consisted of the following:

*Key Projects and Achievements:*

* Produced solution design for amalgamating Monsanto (US and Canada) to Bayer – SAP Hana Architecture. No disruption to customers was experienced.
* Set up the new SAP Hana environment, including the creation of security roles.
* Defined and configured the native SAP Hana Architecture and interfaces interacting with 8 custom planning Oracle databases. Led the setup of SDI, SDA and Talend interfaces.
* Built 10 SAP Web IDE containers, 250 SAP Hana Calculation Views, 20 SQLScript - table user defined functions, assisted in setting up the SAP SLT replication servers, created 40 tables to host planning data, produced name and conventions of the SAP Hana artefacts, including the definition of governance of the SAP Hana environment. The new solution design reduced the scheduling and planning cycle from 4 days to “Real Time”.
* Trained 45 users in creating SAP Query Designer reports, creating SAP Hana graphical Calculation Views, and build SQLScript table user defined functions accelerating the data fetching and display output by 60%, including training of SQL developers on SAP Hana Architecture.
* Extracted S/4 Hana – SD data (set LO Extraction) and built composite providers with new SAP Hana Calculation Views.

(SAP Australia) – Department of Human Services, Australian Federal government, ACT

**SAP Senior Visualisation Consultant** (Oct 2018 – December 2018)

Built solution design for SAP Leonardo Machine Learning and SAP Hana 2.

*Key Projects and Achievements:*

* SAP Hana Architect assigned to Department of Human Services, Australian Federal government ($250 AUD billion budget).
* Developed 10 SAP Lumira Designer and Discovery 2.2 Dashboards displaying planning data over different planning cycles.
* Built SAP Hana native Infomodels. Full integration completed the ETL method was achieved between SAP Leonardo and SAP Hana, achieving the persistency of data to be reduced by 80%.

**Additional Professional SAP BW Experience**

* While at WIPRO as SAP BW Architect for Origin, led a project that received the 2011 SAP Customer Award.
* Served as SAP BI Team Lead at WIPRO, managing a 16-member on/offshore team. Oversaw solution design for SAP BI, extracting data from FI\_CO, CRM, IS-U, and ECC-SD systems. Utilized and modified SAP BW artifacts and built non-SAP extractors.
* Developed the first SAP BW application for the Australian Department of Human Services, rolled out to 36,000 users. Set up an SLT server for real-time reporting, boosting KPIs by 80%, including the implementation of the first SAP Hana server for the Australian Federal Government.

**SAP Plant Maintenance Experience**

**SAP Plant Maintenance Consultant**work at BHP – Black Water, Cerro Colorado (Chile) and IBM – Singapore Airline, ABC, Optus, and Deloitte – AGL, Transfield.

**Mechanical Design Engineer** *-* Snowy Mounting Engineering Corporation and Pilkington Glass.

**Education and Training**

**SAP Certifications**

* SAP Certified Development Associate - Full Stack Applications using productivity Tools in SAP BAS, (C\_BASD\_01).
* SAP Certified Development Associate - SAP BTP Extensions with SAP Cloud Application Programming Model – C\_CPE\_14.
* SAP Certified Citizen Developer Associate - SAP Build Low-code/No-code Applications and Automations – (C\_LCNC\_02).
* SAP Certified Development Associate - SAP HANA Cloud 1.0 (C\_HCDEV\_05) and SAP HANA Cloud Modelling – (C\_HCMOD\_05).
* Certified, Modern Data warehousing with SAP BW/4Hana
* Tableau - certified
* CLD900 SAP Integration Cloud – No certification yet
* Applied Generative AI Specialisation – Purdue University – on going.

**University Education**

Swinburne University of Technology, Melbourne, Australia

**Graduate Diploma in Maintenance Engineering**

The Institution of Engineers

**Bachelor of Engineering, Mechanical Engineering**