



## Sachin V Prabhu

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Highlights:



## SAP Cloud Platform Developer @ WIPRO TECHNOLOGIES - Bengaluru (IN). with 5 Years of Relevant Experience

### Technology Highlights:

#### User Interface & User Experience:

- Experience in building delightful UX Applications for critical business needs with extensive knowledge on **SAP Ui5 - Fiori**
- Experience in building SAP Hybrid Cloud portfolio application on SAP **WebIDE, Custom Charts & Icons** with **DevOps** tools **Git & WebIDE** SAP **HANA CDS, XSApp, XSOData & XSJS Scripting.** (XS Classic)
- Extensive experience in developing responsive web-apps with **AngularJS & Google Material Design, Bootstrap & W3CSS**
- Integration with **Voice Recognition, Barcode Reader, Push Notification.**
- Experience in developing **Chrome Apps & Extensions, Bundled Applications.**
  - ◆ *A Gadget app hosted on chrome web store is used by 1500+ active users*
- Experience in building **3D modeling apps** using **Three.JS**

#### IoT & Machine Learning:

- Experience in building prototypes using **Arduino, AD-ICs, RaspberryPi**
- Knowledge on IoT Communication protocols like REST, MQTT, Zigbee, I2C, Serial
- Experience in Machine Learning Image Recognition using **TensorFlow** on Python and **SAP Leonardo** APIs, **Google Cloud Platform ML** APIs.
- Experience in working with **Digital Twin** concept.

#### Interfaces & Integrations:

- Experience in building **SAP Cloud Foundry Microservices, REST APIs, ML & IoT APIs** on **OnPrem systems**, autonomous IoT Device monitoring
- Experience in building apps for **Blockchain**
- Developing **REST / WebSocket APIs** in **NodeJS, J2EE, PHP** or **Python** and building delightful UI to consume them for automation activities.
- Extensive work experience in **OData & REST** protocols, **NodeJS**
- Building communication platform using **WebRTC** and **WebSocket.**
- Integration of 3D UI Apps with IoT for **Digital Twin.**
- Integration with **GPS** based IoT Devices with **Google Maps.**
- Experience in interfacing SAP HANA with **Google Firebase, Amazon RDS** etc.
- **Social Sign-On** with Google Firebase, Facebook OAuth, SAP ID Provider Service etc.

### Recognizable Works:

- ❑ Application developed in Utility domain has won **SAP HANA Innovation Award - 2017.** This is Certified to meet SAP Leonardo Best practices on 24th May - 2018
- ❑ Solution developed as POC for a customer in utilities space has won **SAP HANA Innovation award - 2019**
- ❑ Developed 9 full stack SAP Cloud centric solutions which have been certified by SAP for using best practices of SAP Leonardo between 2017 - 19 which extensively uses IoT, ML, Blockchain

## Projects / Teams:

- ❑ **SAP Digital Innovations Group (COE) (Nov 2015 - Till date)**
  - ❑ Designing and developing User experience centric applications for Customer Presentations at Silicon Valley Innovation Center (**SVIC**), Mountain View, CA.
  - ❑ As part of SAP DIG, I have been continuously involved in understanding and assessing new technologies and Best fit it in SAP's ERP world
  - ❑ With expertise on building attractive UI5 apps in Agile Methodology, I have been Involved in the development of multiple UI5 applications simultaneously during peak times.
  - ❑ Well-versed in SaaS applications and their Extensions.
  - ❑ Experience in SAP **WebIDE** & SaaS DevOps, Git, exposure to most of SCP Services.
  - ❑ Development of **Offline UI5** Browser based / Hybrid Applications, service workers
  - ❑ **HANA XS** Scripting on SAP Cloud Platform.
  - ❑ **SAP RFC** communication with **Java based applications** to handle 3rd party services efficiently
  - ❑ Building IoT Prototypes & integrating them with SAP IoT, Thing Modeling and Application Enablement.
  - ❑ SAP Cloud Foundry Microservices - Designing & Developing containerized applications which are easily scalable and extremely portable
  - ❑ Building applications for Leonardo Machine learning Image recognition APIs, Number series prediction APIs
  - ❑ Building tools to support SAP ECC-HANA-Cloud Migration activities.
- ❑ **Ok Tedi Mining Limited (Aug 2016 to Jan 2017) Non HANA Fiori implementation**
  - ❑ Scratch Development of 2 SAPUI5 applications with SAP WebIDE.
  - ❑ Extension of MyInbox Standard application.
  - ❑ Exposure on SAP Cloud Connector for OnPremise Connectivity.
- ❑ **Northern Gas Networks (From Apr 2015 to Mar 2016) Fiori implementation**
  - ❑ SAP Portal Administrator, User administration, Server maintenance.
  - ❑ DevOps model delivery of timesheet
  - ❑ Comprehensive understanding of SAP Portal and related applications.
  - ❑ Implementation of Fiori-Timesheet application for around 2K end users
- ❑ **Honeywell Technology Solutions (Apr 2015) Non HANA Fiori implementation**
  - ❑ Development of Leave Management Tool with SAPUI5 following company design guidelines
  - ❑ Custom application Development using Custom controls & Testing for stability using Selenium.
  - ❑ Customization of standard application to fit company design standards

## Academics

- ❑ M.Tech from Birla Institute of Technology & Science - Pilani (Under WASE Prog. at Wipro Technologies)
- ❑ BCA with 82% (Aggregate), PES Institute of Advanced Management Studies, Shimoga.