**Saravana Kumar.M** saranice07@gmail.com

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**Professional Summary**

* SPI Administrator with 7 Years Experience in Smartplant Instrumentation.
* Knowledge on Oracle, INFOMAKER & SQL Developer.
* Instrumentation Engineer responsible for design engineering Deliverables.
* Knowledge on AutoCAD and MS Office

**Education**

* **B.E in Instrumentation & Control 70%** (2007 – 2011)

(Sethu Institute of Technology, Madurai Affiliated to Anna University, Tirunelveli)

**Work Experience**

1. Company Name **: Avineon India Pvt Ltd,** Hyderabad Deputed as SPI Administrator to Actemium,Abu dhabi

(Duration: Jan 2016 to Sep 2017)

Job Type : Permanent

Designation : SPI Administrator

Duration : Oct 2015 to Till date

2. Company Name **: Sidvin core tech (I) Pvt Ltd,** Bangalore

Job Type : Permanent

Designation : SPI Administrator

Duration : Feb 2014 to Oct 2015

3. Company Name **: Techindeed**, Chennai

Job Type : Contractual

Designation : Instrumentation Engineer

Duration : Nov 2013 to Feb 2014

4. Company Name **: Vetri Engineers**, Coimbatore

Job Type : Permanent

Designation : Instrumentation Design Engineer

Duration : May 2011 to Nov 2013

**Project Experience**

1. Provision of New Mastering Services (2D & 3D) on a Call-out Basis for TO#3 (P92418226)

(Nov 2017 – Till Date)

**Responsibilities**

* + Co-ordination with Client for Project Requirements.
  + Preparation of SPI Execution Philosophy.
  + Database maintenance and SPI Administration.
  + Import data to SPI in Import Module as well as in Oracle backend.
  + Report Customization in ESL & INFOMAKER (New Formats & Customization).
  + Preparation of Typical Documents for Deliverables in ESL & INFOMAKER 12.5.
  + Creation of new DB views in Oracle for the Project Requirement.

1. Provision of New Mastering Services (2D & 3D) on a Call-out Basis for TO#2 (P92403639)

(Oct 2017 – Till Date)

**Responsibilities**

* + Co-ordination with Client for Project Requirements.
  + Planning and Preparation of SPI Execution Philosophy.
  + Database maintenance and SPI Administration.
  + Import data to SPI.
  + Report Customization in ESL & INFOMAKER (New Formats & Customization).
  + Preparation of Typical Documents for Deliverables in ESL & INFOMAKER 12.5.
  + Creation of new DB views in Oracle for the Project Requirement.

1. Master Drawings Update/Preparation for EPC for P11569 - Bab CO2 Injection Project (Sep 2017 – Till Date)

**Responsibilities**

* + Co-ordination with Client for Project Requirements.
  + Planning and Preparation of SPI Execution Philosophy.
  + Database maintenance and SPI Administration.
  + Import data to SPI.
  + Preparation of AutoCAD Blocks for Loop Generation.

1. Master Drawings Update/Preparation for EPC for P44011 - Rumaitha North CO2 Injection Project (Sep 2017 – Till Date)

**Responsibilities**

* + Co-ordination with Client for Project Requirements.
  + Planning and Preparation of SPI Execution Philosophy.
  + Database maintenance and SPI Administration.
  + Import data to SPI.
  + Preparation of AutoCAD Blocks for Loop Generation.

1. INTELLIGENTCONVERSION & AS-BUILT OF LEGACY DRAWINGS IN ZIRKU

(**Jan 2016 to Sep 2017**) at **ACTEMIUM CEGELEC**, **Abu Dhabi**.  
(Deputed as SPI Administrator from Avineon India Private Ltd, Hyderabad)

**Responsibilities**

* + Co-ordination with Client for Project Requirements.
  + Planning and Preparation of SPI Implementation Procedure as per Client Standard.
  + Preparation of Exceptions & Deviations and Customization Document.
  + Database maintenance and SPI Administration.
  + Import data to SPI in Import Module as well as in Oracle backend.
  + Customization of Specification Pages (New Formats & UDF Normalization).
  + Specification Form Data Template Preparation.
  + Report Customization in ESL &INFOMAKER (New Formats & Customization).
  + Preparation of Typical Documents for Deliverables in ESL & INFOMAKER 12.5.
  + Creation of new DB views in Oracle.
  + Preparation of SPI for integration with SPF.

1. Customization of Specification Pages for Tengizchevroil (TCO) at **Tech Mahindra, Hyderabad** (Deputed as SPI Specialist from Avineon India Private Ltd, Hyderabad)

(Nov 2015 to Jan 2016)

**Responsibilities**

* + Installation of ORACLE & SPI (Server & Client).
  + Customization of ORACLE database for SPI application.
  + Project initialization using SEED Database
  + Preparation of Normalization files for Spec UDF’s.
  + Preparation of Specification Pages using Infomaker 12.5.
  + Creation of new Page in SPI and Form allocation.
  + Creation of Form Browser
  + QA&QC of Prepared Documents.
  + Co-ordination with Client.

1. Design Engineering Deliverables of MV-27[Cidade De Caraguatatuba](https://www.google.co.in/search?q=cidade+de+caraguatatuba&es_sm=93&tbm=isch&tbo=u&source=univ&sa=X&ei=w5B1U5KHA5HorQecroGQCA&ved=0CCwQsAQ) for MODEC International.(Feb 2014 to Oct 2015)

**Responsibilities**

* + Installation of ORACLE & SPI (Server & Client).
  + Customization of ORACLE database for SPI application.
  + Database maintenance and SPI Administration
  + Import data to SPI & Report Customization in ESL.
  + Preparation and Checking of Instrument index & IO List.
  + Preparation of Wiring Deliverables.
  + Preparation of Cable Block Diagram / JB Grouping.

1. Design engineering deliverables of **Reliance Jamnagar Program 3** ,Gasification Plant at **L&T ECC**, Ramapuram, Chennai. (Nov 2013 To Feb 2014)

**Responsibilities**

* + Preparation of Instrument index.
  + Preparation of I/O list.
  + Preparation of Wiring Deliverables.

1. Design engineering deliverables of **WASIT GAS PLANT – MEGPRE-TREATMENT, REGENERATION AND RECLAMATION SYSTEM, SAUDI ARABIAN OIL COMPANY**, WASIT,SAUDI ARABIA at **Kavin Engineering and Services**, Coimbatore, India.

(Feb 2013 to Nov 2013)

**Responsibilities**

* + Installation of ORACLE & SPI (Server & Client).
  + Customization of ORACLE database for SPI application.
  + Database maintenance and SPI Administration
  + Import data to SPI & Report Customization in ESL.
  + Preparation of Instrument index & I/O list’s.
  + Preparation of Specification sheets
  + Preparation of Wiring Deliverables.

1. Erection and Commissioning work  for station Control and Instrumentation(C&I) for **BOP** at **NTPC SIMHADRI SUPER THERMAL POWER PLANT  STAGE-II (2 X 500 MW)**,

Visakhapatnam, India.(APR2012to SEP2012)

**Responsibilities**

* + Preparation of pre-erection and commissioning documents
  + Engineering & Supervision of Erection, Commissioning& Testing
  + Installation of temperature and pressure instruments
  + Installation of transmitters
  + Installation & Testing of AMCO NI-Cd batteries

1. Design engineering deliverables of **Modernization of Obsolete Instrumentation Project (MOIP-II)** at Mina Al Ahmadi Refinery, Kuwait National Petroleum Company, Kuwait.

(May 2011 to Jan 2012)

**Responsibilities**

* + Preparation of Instrument index & I/O list’s.
  + Preparation of Cable schedule
  + Preparation of Cable block diagram
  + Preparation of Cable interconnection diagram
  + Preparation of instrument LoopDiagram

**Working Capabilities**

**SPI (INTools):-**

* Installation of ORACLE & SPI (Server & Client)
* Customization of ORACLE database for SPI application.
* Project initialization.
* Administration and User management.
* DB Checker Utility.
* Rule Manager
* Create DB views in Oracle
* Title Block & Report Customization in ESL, Autocad, Page Editor and INFOMAKER.
* Proficient in all major modules
* Proficient in import and export files in all modules from SPI as well as in Backend**.**

**Designing/Programming tools:-**

* SPI Administration (Trained by Intergraph)
* SPI all Modules
* INFOMAKER
* SQL Developer
* [AutoCAD](http://www.autodesk.com/education/free-software/autocad)
* Smartsketch
* Microsoft office (Word, Excel, Visio)

**PERSONAL DETAILS**

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| --- | --- | --- |
| Name | : | SARAVANA KUMAR .M |
| Father's Name | : | MURALI .K |
| D.O.B | : | 07/02/1990 |
| Language Known | : | English, Tamil, Kannada |
| Passport number | : | J6932717 (Expiry 28/06/2021) |
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|  |  | TELENGANA, INDIA |

(SARAVANA KUMAR.M)