RESUME

ASRARUDDIN MOHAMMAD

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CAREER OBJECTIVE

Aim to be placed in a challenging organization that gives me scope to update my knowledge & skills in accordance with the latest trends and be a part of team that dynamically works towards growth of organization thereof.

Professional Experience

- ❖ A result-oriented professional with rich & extensive experience in SCADA & communication protocols.
- ❖ Build IoT solutions using edge devices like Kepware & Raspberry pi devices and integrate data to cloud.
- ❖ Hands on experience in communication protocols like OPC, MQTT, HTTP, Modbus TCP/IP, IEC61850.
- ❖ Hands on experience in VM installation using Type-2 hypervisor and integrating data to AWS using IOT core.
- ❖ Expertise in Kepware for data collection through OPC and Modbus TCP/IP protocols, PLC.
- ❖ Experience in routing the data in AWS IOT core to S3 using Kinesis Fire house
- ❖ Extensive experience in GE Cimplicity and Proficy Historian and IGS applications
- ❖ Expertise collecting Scada data and storing in MSSQL and MYSQL using Kepware Datalogger
- ❖ Experience in Raspberry Pi device integration to cloud
- ❖ Good Knowledge in DWBI concepts and creating Dashboards and Reports in Grafana and Power BI
- ❖ Knowledge of IOT concepts like sensors, interface and IT-OT integration using industrial connectors such as Kepware, OPC tunneller and Data logger and IOT Gateway.
- ❖ Good understanding of Publish/subscribe mechanism of MQTT protocol
- ❖ Good understanding of Networking concepts and devices
- ❖ Knowledge in MEP design and implementation

Greenko Group, Hyderabad

- ❖ **Designation: IoT Engineer**
- ❖ **Duration: 03th Dec 2020 to Till**

Job Responsibilities:

- ❖ Responsible for Integration & monitoring the data flow from plant to H.O and Cloud platform for Three vertical – Wind, Solar, Hydro
- ❖ Experience in configuration & installation of OPC server (DA/UA) & testing of OPC using OPC Expert & OPC rescue
- ❖ Industrial gateway server & Kepware OPC connectivity Suite License Activation
- ❖ Configuration of ODBC data source setup for SQL server Database using Datalogger
- ❖ Installation and setting up of Edge devices using Kepware and Linux Virtual machine

- ❖ Creating the IoT using the AWS portal

- ❖ Experience in installation and config of AWS Greengrass core software in edge device and AWS CLI commands.

- ❖ Setting of message routings in IoT core

- ❖ Enabling SSH connection of IoT devices from users' workstation using IoT core Device Streams

- ❖ Assigning GreengrassV2 thing & Token Exchange policies to IOT core , managing MQTT broker End point creation

- ❖ Downloading and installing Greengrassv2. On Linux Virtual machine

- ❖ Associating IoT client Devices and authorizing , MQTT bridge setup

- ❖ Hands on Experience in configuration of IOT gateway for sending IOT data to Cloud & configuration of MQTT agent and import certificates for authorization

- ❖ Creating delivery stream in kinesis firehouse to ingest data in s3 bucket

- ❖ Using Bi tools like Grafana which fetch data from Influx DB

- ❖ Knowledge on Docker and containers

- ❖ Co-ordinating with Vendor's and providing inputs to Business Team

- ❖ Guiding the BI team with desired Tag-information for their Dashboard creation for analytics purpose

- ❖ Responsible for getting Quote from Scada-OEM's and sharing to C&P team for processing

- ❖ Responsible for making Development documents and provide recommendations.

Aadhaar Manpower services, Hyderabad

- ❖ **Designation: Technical staffing**
- ❖ **Duration: 2nd September 2015 to February 2018**

Job Responsibilities:

- ❖ Understanding the need and interest of every client.

- ❖ Screening and sourcing the Desired profile with respect to technical Requirements of JD

- ❖ Analysing the Technical skills of candidate with respect to job profile like networking and MEP

- ❖ Shortlisting profiles of applicants based on their skill set of electrical and mechanical concept's by taking few rounds of interview before final delegate round

- ❖ Have a clear understanding of Electrical , mechanical , firefighting concepts.

- ❖ Also placed candidates in IT sector following technologies like Java , Networking and Telecom Domain pan India

- ❖ Successfully Placed several candidates in well reputed organizations in gulf countries like ETE, Al-Adil LLC, Etisalat, Al-Futtaim, Al Saheeh group, Aramco

- ❖ Completing Paperwork along with necessary documents of applicants to client   like   passport,   Study   & experience certificates along with offer letter's

- ❖ Providing Guidance to candidates from screening to fly-off to work location

Tata BSS

- ❖ **Designation: Customer Relation Executive**
- ❖ **Duration: 9th June 2014 to 4th December 2014**

Job Responsibilities:

- ❖ Responsible for operations and maintenance of all IFB instruments
- ❖ Understanding the Issue of The Customer & providing solutions Over the Call.
- ❖ Hands on experience in CRM tools for ticket management system
- ❖ Experience in customer handling and conveying issue information

Hindustan Aeronautics Limited

- ❖ **Designation: Graduate Apprentice trainee**
- ❖ **Duration: 21st August 2013 to 30th February 2014**

Job Responsibilities:

- ❖ Responsible for Preparing the BIV and GTL of the Required Components.
- ❖ Obtaining All the Components from Store According to GTL List
- ❖ Kit Marshalling According to Communication Unit and Delivering To Assembly Shop Unit
- ❖ Preparation of Component specification list from Electrical & Instrument P&ID Drawings.
- ❖ Generating daily report data and uploading in Generation Assurance Portal.
- ❖ Preparing monthly breakdown report & raw material consumption report

QUALIFICATION

- ❖ M.Tech (Digital Systems) from MJCET in 2020 with 7 CGPA
- ❖ B. Tech (Electronics & Communications) from VIFCET in 2013 with 72%
- ❖ Intermediate from Narayana Jr College, Kukatpally in 2009 with 70%
- ❖ 10th from Vivek model High School in 2007 with 80%

TECHNICAL SKILLS

- ❖ AWS IOT✦Raspberry Pi✦Kepware and GE IGS applications✦ Proficy Historian ✦ Proficy Cimplicity ✦ Windows ✦Linux ✦ SQL ✦MQTT✦ OPC ✦Data Logger✦S3✦Kinesis firehose

PERSONAL SKILLS

- ❖ Leadership & Decision making
- ❖ Skilful & Time management
- ❖ Positive attitude & Self-motivated.
- ❖ Communication & Adaptability.

Personal Data:

Date of birth	:	23th July 1991
Sex	:	Male
Father's Name	:	Mohammed Burhanuddin
Nationality	:	Indian
Marital Status	:	Single

DECLARATION

I hereby declare that all the above-furnished information is correct and true to the best of my knowledge and belief

Place   :   Hyderabad

Date   :   (ASRARUDDIN MOHAMMED)