

RICHIE JOHNSON

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Electronics & Instrumentation Engineer with 2+ years of experience in Installation, Commissioning of Control Panel, Programming and managing the project and willing to utilize the expertise and implement innovative ideas and creative mind towards the area of specialization. Excellent interpersonal and communication abilities, and possess a wide range of technical skills.

PROFESSIONAL EXPERIENCE

RANDSTAD INDIA PVT LTD

Resident Engineer

Bangalore, Karnataka

August 2019 – Present

- Resident Engineer for Randstad India Pvt Limited (Client: Honeywell Automation India Ltd) at Bharat Petroleum Corporation Ltd, Devanagonthi Installation, Bangalore
- Carrying out all the Terminal Automation related works at BPCL.
- Troubleshooting all the issues of Field Instruments & HAIL Terminal Automation System
- Integration of field instruments (Level gauges, Temperature transmitters, Pressure transmitters and High-level switches) to Honeywell SCADA, Process PLC and Safety PLC.
- To carry out Periodic Maintenance of HAIL Instruments.

GAS TURBINE RESEARCH ESTABLISHMENT

Graduate Apprentice Trainee

Bangalore, Karnataka

November 2017 – November 2018

- Provided technical assistance for development of data acquisition system for test rig.
- Simulation of aircraft engine component using mathematical model and obtaining the test results.
- Calibration of Field instruments used for testing.
- Planned, drafted, executed, maintained and improved instruments, facilities, components and data acquisition systems and control systems.
- Provided technical assistance to field personnel during testing of aircraft components used in engines.

SHANTILAL ENTERPRISES (DURGAPUR) PVT LTD

Electronics Engineer Trainee

Durgapur, West Bengal

May 2017 – November 2017

- Installation & commissioning of Siemens PLC's & VFD's at Natraj Electrocasting Pvt Ltd, Durgapur.
- Performed preventative maintenance & diagnosis of VFD's, equipment and electrical parts, via using manuals, schematics & test equipment to identify the cause of breakdown and fix the problems.
- Assisted higher classified personnel in the installation, testing and maintenance of various types of instrumentation devices and control circuits and devices used in the plant.

EDUCATION

NATIONAL INSTITUTE OF ELECTRONICS & INFORMATION TECHNOLOGY

Calicut, Kerala

P.G Diploma in Industrial Automation System Design, March 2017

- P.G Diploma course

MARIAN ENGINEERING COLLEGE

Trivandrum, Kerala

Applied Electronics & Instrumentation Engineering, July 2016

- Graduation in Bachelor of Technology

CORE COMPETENCIES & STRENGTH

- Proficient in working with various PLCs & VFD's (Allen-Bradley, ABB, Siemens, GE Fanuc, Mitsubishi).
- Proficient in programming for PLC, SCADA, DCS & also in programming software's (TIA, RS Logix, Codesys, Softmaster, MATLAB, LabVIEW, C++, SPICE).
- Knowledge of communication network protocols used for automation (Profibus, Modbus, Foundation Fieldbus, RS-232, RS-485, MPI, HSE, DH+).
- Experience in the installation, testing, calibration, troubleshooting, adjustment and maintenance of various types of instrumentation devices control and circuits used in industries.

PROJECTS & TRAININGS

- **STUDY ON INDUSTRIAL AUTOMATION AND PROCESS CONTROL OF BPCL-KOCHI REFINERY (P.G DIPLOMA)**

Undergone in-plant training on Tank Farm Management System (TFMS) & Diesel Hydro De- Sulphurization (DHDS) plant where I studied various gaging system and control strategies using Honeywell & Invensys DCS also using BOSS software.

- **MAIN PROJECT (B.TECH)**
IRIS RECOGNITION SYSTEM USING DCT & DWT

A software was developed using MATLAB for scanning an image which is then converted to a sheet model so that it cannot be changed to the original image and such that it can be used for biometric and security purposes.

- **MINI PROJECT (B.TECH)**
LAB GLOVE

Lab Glove is a wearable device that will take an advantage of using the fingers for making electrical measurements.

- **SEMINAR (B.TECH)**
NUCLEAR POWER PLANT & ITS SAFETY MEASURES

A brief case study on the working of power plants and the safety measures used in the plants.

ACHIEVEMENTS & EXTRA CURRICULAR ACTIVITIES

- Best Outgoing Student of the batch of 2012-2016.
- Awarded the best Mini Project for 'Lab Glove' during the course of study.
- Went for Internship training at Keltron during December 2014.
- Achieved 4th position in Zonal Level of 'Indo-US Robo League' conducted by GECB, Trivandrum' Jan, 2015. Participated in the Final Round of 'Indo-US Robo League' at the National Level held at IIT Bombay' March, 2015.
- Attended a one day workshop on Internet of Things [IoT], jointly organized by Kerala Startup Mission' July, 2015.

PERSONAL TRAITS

- Dedication towards work
- Eager to learn and contribute
- Good team player and Good analytical skills

PERSONAL DETAILS

Date of Birth : 28th April, 1994
Name of Father : Johnson V
Gender : Male
Nationality : Indian
Marital Status : Single
Languages Known : English, Hindi, Malayalam

DECLARATION

I hereby declare that all the information furnished above is true to the best of my knowledge.

Richie Johnson