

Curriculum-Vitae

RUPESH ASHOK NAKTI

(B.E. Instrumentation)

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Career Objective:

To work and be associated with an organization where I can implement my skills those are gained during the course of my experience and be an asset to the organization.

Education:

Qualification / Institute / Year / Marks:

- 1.B.E. in Instrumentation, Bharati Vidyapeeth Navi Mumbai, Mumbai University, 2017, 70.1%
- 2.Diploma in Instrumentation Engineering, VPM's Polytechnic, MSBTE Mumbai, 2014 ,77.8%
- 3.10th/ SSC, Mumbai State Board, 2009, 76.30%

Training Underwent:

- Training Program on the "Basics of PLC" (Omron PLC) at BVCOE, Navi Mumbai.
- Training Program on the "Basics of DCS" (Yokogawa DCS) at BVCOE, Navi Mumbai.

Academic Projects:

B.E. Project: LPG Gas Leak Detector Using Microcontroller

Description: Nowadays, LPG leakage is a major problem in industry, household appliances. Our approach is to monitor and detect the leakage of gas. We use 8-bit microcontroller 8051 to perform the desired task by interfacing Gas sensor MQ 6, Buzzer and LCD to display. The output of the Gas sensor is in analog form which can be converted into digital form using MCP3201 which is an ADC (Analog to Digital Converter). Initially when there is a leak the Gas sensor detects it and gives voltage signal related to the amount of gas to the microcontroller so as if the Gas sensor gives the output above the set-point the controller drives the buzzer ON as an indication to the user. This can be used as an application in chemical and hazardous industries where there is a continuous need of monitoring the gas leaks.

DIPLOMA Project: GSM Based Home Automation

Description: The project aims at a system allowing user to control home based appliances through SMS along with acknowledgements. User need not switch home appliances on and off manually. Our system allows user to operate these devices through SMS, also the status weather the device is switched on or not is sent to user via a return SMS.

This can be used by domestic users and company users to operate as well as check status of home and company appliances.

Technical Skill:

- Basic Fundamentals of Computer
- Basics of MATLAB and LABVIEW
- Overview of Microprocessor and Microcontroller (8085 & 8051)
- Basics of Ladder Logic Programming (PLC)

Organizational Experience:

Organization: UPCEM Engineering & Consultancy Pvt Ltd Navi Mumbai.

Duration: 10 October 2017 to till now

Designation: GET (Graduate Engineer Trainee) Instrumentation

Project Description: Sagar Samrat Conversion Project -Topsides Engineering, Client: ONGC, Project NO. 4301 (MOPU)

Job Profile:

1. To Verify ICS (PCS, ESD, F&G) subject to latest revision of P&ID's, Instrument Index, Interconnection diagrams, Instrument Loop Diagrams, F&G Layout, Cause & Effect diagram to meet the project requirement.
2. Freezing of Final IO List, Interfaces with packages and Logic with Honeywell and provide clarification for readiness of ICS for pre-commissioning & commissioning.
3. Review and approve vendor (Honeywell) Documents and drawings of PCS, ESD & FGS Systems.

Other Skills / Strengths:

- MS Office -Word, Excel & Power Point.
- Good Communication, Hardworking & adaptable to situation.
- Leadership skill & Disciplined.
- Team working and Ability to adapt to tight deadlines.
- Internet Browsing etc.

Area of Interest:

- Process Measurement & Control
- Operation, Maintenance and Calibration
- Industrial Automation and Instrumentation
- Power Electronics

Personal Details:

Permanent Address : S/O Kishori Ashok Nakti, B-301, Thakur Yash Apt, Plot no.125/02,
Sector-20, Nerul-W, Navi Mumbai- 400706.

Date of Birth : 13/12/1993

Language Known : English, Hindi & Marathi

Marital Status : Single

Nationality/Religion : Indian / Hindu

Declaration

I hereby, declare that the above information is true and genuine to the best of my knowledge & belief.

Place-Navi Mumbai

Yours sincerely,

Rupesh A Nakti