

ASHISH SOLANKI

42, Holloway Road, Markham, ON L3S 4P2 • 519-466-2165 • solankiashish005@gmail.com

OBJECTIVE

A self-motivator and quick learner who is currently pass out from the Instrumentation and Control Engineering at the Lambton College, Sarnia. Looking for full time opportunity.

HIGHLIGHTS OF QUALIFICTION

- **Control system:** PLC Automation (Siemens, Allen Bradly, Messung, Delta, L&T, Omron), SCADA and HMI, PID controller, Electrical Machines, open loop – close loop control feedback system, DC speed control system
- Knowledge of DCS control system (ABB Symphony +, Delta V), Ethernet, RS 232
- **Home Automation:** KNX Technology (ETS 5), ELAN, RTI
- **Software:** MATLAB, SIMULINK, Multisim, AutoCAD, Triconics, Microsoft office, Adobe Photoshop, Corel Draw
- **Programming Languages:** C, C++
- Working knowledge in FANUC Robot LR Mate 200 iD
- Strong knowledge of electrical principles, electric machines, power systems and its protection & control
- Strong knowledge of AutoCAD to design Electrical wiring drawing
- Knowledge of Project management and ability to work in a multi-disciplinary environment, developed through design projects
- Knowledgeable in creating new application using SCADA for industrial process
- Good knowledge of AC drive installation and its programming

EDUCATION

Advance Diploma - Instrumentation and control engineering Technology
Lambton College, Sarnia, ON, Canada

December 2018

Bachelor of Engineering - Electrical Engineering
Mahatma Gandhi Institute of Technical Education and Research Centre, Gujarat India
Related coursework: Power System, Electrical Machines, Electromagnetic theory, Mathematics

May 2014

PROJECT EXPERIENCE

- Capstone Design Project (Climate Control in Enclosed Environments):
 - Developed a climate control system which is measuring and adjusting temperature and humidity within a terrarium.
 - Used ATtiny 85 microcontroller for our model to receive data from DHT11 sensor and control power to light and humidifier.
 - To programmed microcontroller using Arduino UNO and then to run a program to display data from DHT11 on the LCD screen.
- Sine wave Inverter:
 - Designed circuit boards for the sine wave inverter to be used in residential homes as a backup power system during time of blackouts
 - Validated and verified the circuit boards to check its proper functionality according to its specifications

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- Produced highly technical report for submission of the project
- Adapted Automatic Voltage Regulation (AVR) technique to regulate fluctuation of voltage
- Water level Indicator
 - Designed a project circuit for water level indication

WORK EXPERIENCE

Sales Associate/Customer service | Pioneer

September 2016 – April 2017

Sarnia, ON, Canada

- Provide prompt, courteous customer service
- Ring up sales properly and accurately and entrusted with handling money and other types of payment
- Perform multi-function and cleaning duties necessary to maintain store cleanliness and maintenance of store equipment
- Inspect store facilities and equipment for safety, cleanliness and proper working order
- Receive and verify vendor deliveries and assist in maintaining proper inventory levels and shift audits
- Required to work with little or no supervision and work irregular hours including nights
- Responsible for overseeing gas pumps and ensuring prices are adjusted according to directions

KNX System Integrator Engineer | Autocon Solutions

September 2014- March 2016

Surat, Gujarat, India

- Lead and managed a team of electricians and wiremen to complete home automation project as a team leader lead the team of electricians and wiremen
- Familiar with KNX technology (Home Automation) and it's all certified products
- Hands on experience of using ETS 5 tool programming software for planning and configuration of KNX certified products
- Good knowledge and good experienced in Audio Video (AV) programming for media automation using ELAN and RTI system
- Good knowledge of all aspects of the home automation and commercial automation working process

ACHIEVEMENTS

- Successfully completed vocational training at ESSAR Steel India pvt. Ltd.
- Participated in Robotics, Paper Presentation and Quiz competition in the Technical festival at held in my college
- Attended the seminar of Gujarat Energy Transmission Corporation (GETCO) in Navsari, Gujarat, India
- Visited the Thermal power plant and Hydro power plant at Ukai as an educational visit from my college
- Visited the Electrical Research and Development Association (ERDA) at Vadodara, Gujarat for education research form my college