Bhagavatula Venkata Sai Kiran

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Summary

To become a trained professional and inculcate the ideas and teachings through practice by joining an organization.

Education

- **Prolifics Automation** *November 2018*
  Post Graduation Diploma in Industrial Automation

  Programming the Programmable Logic Controllers (PLC's), SCADA, DCS and application of Field Instruments in an industry.
- **Vardhaman College Of Engineering** *May 2018*
  Bachelor's Degree in Electrical And Electronics Engineering

  CGPA - 7.07/10
- **Toppers Junior College** *April 2014*
  Board of Intermediate Education (Math, Physics, Chemistry)

  Percentage – 81%
- **Pace School** March 2012
  Board of Secondary Education

  CGPA - 9.0/10

Internship History

Nuclear Fuel Complex Dec 2016 – Jan 2017
Student Intern
Real-time maintenance of H.V, L.V switchgear and design of single line diagrams using CAD tools.

Certifications

- Udemy – Microsoft SQL Database
- AMCAT – Data Processing Specialist, Business Analyst, Software Development Trainee
- NSIC – C, C++ & Data Structures
- Microsoft Technical Association – MS Office 2016

Projects

Project : **Automatic Street Light Operation using an Arduino**

Description : The switching operation of street lights must be modified depending on the timings. During day, the use of a street light is minimal. while, the usage is at the peak during the night. Arduino makes this possible with the help of sensors like Light dependent Resistors.

Project **: Wireless Network Design for Transmission Line Monitoring in Smart Grid**

Description: The project proposes a wireless network design which would communicate with the lineman, Electricity Board during any fault conditions in the transmission lines. The wireless communication takes place with the help of a GSM module.

Project **: PLC based Fault detection and protection of Induction Motors**

Description: Allen Bradley and SIEMENS PLC's have been programmed to implement a protection system which would monitor the working of an AC induction motor during normal conditions and trip conditions. If any problems become evident due to faults that normally happen in the motor, we can either vary the input voltage and current to bring the motor back to normal condition or we can shut down the motor before damaging the stator and rotor components of the motor.

Professional Skills

- Microsoft SQL Server, HTML, CSS, JS
- Microsoft Office 2016

Achievements

- Represented College at Global Student Entrepreneur Awards.
- Certificate of Appreciation by Indian Society of Technical Education for Organizing an event called ELEXPO in Technolites – 2016.
- Organized a Plantation event at my college.

Languages

- English Fluent
- Hindi Fluent
- Telugu Native