

**SUDIP KUMAR GUHA**

Software Engineer seeking assignments in Software Development, Application Programming, Program Management, Project Management, Requirement Gathering, System Analysis, Gap Analysis, Siemens PLC, HMI, SCADA, AutoCAD, Intouch, Microstation, Wonderware, VFD, DCS

Current Designation: Software Engineer

Total Experience: 4 Year(s) 4 Month(s)

Current Company: Unizen Technologies Pvt. Ltd

Notice Period: 1 Month

Current Location: Bengaluru / Bangalore

Highest Degree: PG Diploma [Industrial Automation]

Pref. Location: Bengaluru / Bangalore, Kolkata, Pune

Functional Area: IT Software - Application Programming / Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Software Engineer, Software Developer, Software Development, Application Programming, Program Management, Project Management, Requirement Gathering, System Analysis, Gap Analysis, Siemens PLC, HMI, SCADA, AutoCAD, Intouch, Microstation, Wonderware, VFD, DCS

Verified : Phone Number | Email - id

Last Active: 22-Jan-21

Last Modified: 22-Jan-21

## Summary

Software Engineer with 4+ years of work exposure in Software Development, Application Programming, Program Management, Project Management, Requirement Gathering, System Analysis, Gap Analysis, Siemens PLC, HMI, SCADA, AutoCAD, Intouch, Microstation, Wonderware, VFD, DCS.

## Work Experience

### Unizen Technologies Pvt. Ltd as Software Engineer

Dec 2020 to Till Date

Retrofitting existing PLC controller with Embedded Customized controller board related to various application such as MOOG operation, Oil contamination plant, IOT applications and also designing Man Machine Interactive platform for the applications such as Scada and HMIs.

Troubleshooting existing PLCs and implementing Industrial Protocols to establish datalogging feature in customized Embedded board.

Interacting with the customers for providing Automation solutions.

### L3 Technologies Pvt. Ltd as System Engineer

Dec 2018 to Dec 2020

Electrical Schematic Designing of RTUs and Consoles Panels comprising VME Cards and PLCs and preparing respective Wiring Diagram.

Creating Partslist (BOM) and raising indent for items procuring.

Designing and creating various documents such as ECOs, PSCDs, Control Documents, Test procedure Documents and uploading them to the Database for approval.

Material through Inspection and making Incoming, Internal, Outgoing Reports.

Through and detail communication with the Headquarter regarding the changes if required in the Design and Materials and implementing accordingly.

Projects:

Client : INDIAN NAVY (Ongoing Project)

Designing and coding of 8 no.s RTUs units' Electrical and Wiring Diagram and Editing O and I diagram and creating

necessary relevant documents. Preparing Reliability document to calculate the MTTR and MTBF of the electrical items.  
Client : Royal Australian Navy  
Designing and coding of 12 nos. RTUs to implement IPMS system and Conducting pre-FAT and FAT setup.

## **R CUBE ELECTRIC Pvt. Ltd** as Application and Development Engineer May 2017 to Dec 2018

PLC, HMI commissioning and testing.  
Troubleshooting of PLC, HMI and SCADA irrespective of any brand.  
Selection of PLC model based on the application and BOM making and forwarding to Sales team for further processing.  
Developing IOT applications applicable for PLC in joint venture with the R&D team.  
Commissioning, testing and troubleshooting of VFDs.  
Providing solutions Regarding Energy Efficient operation using VFDs to the Customers.  
Training Students on Industrial Automation and Process Automation.

### Projects:

Client: BOSCH INDIA LTD  
Commissioning of Narayana Hospital AHU system with PID automation of chiller water by ABB Plc PM 554 and ABB Hmi CP-405 and Danfoss VFDs.  
Client: DEVKIRAN PAPERS  
Entire Automation of the Kraft paper mill by Siemens S7-1200 Plc with 10 no's of VFDs (Profibus DP) and ABB Hmi CP 610 for VFD's actual value monitoring.  
Client: ECO GREEN  
Scaling and Datalogging of Flowmeter's total Flowrate in PM-554 plc and Exor make HMI and pushing the data to the Cloud Drive for Remote Monitoring and controlling.  
Client: SAI SHAKTI KRAFT PAPERS  
Retrofit automation of the mill, by ABB Plc PM-554 with CS-31 protocol for I/O module extension and 14 no.s of VFDs.  
Client: CRESCENT INTERIORS  
Commissioning of CNC Cutting machine and CNC pvc Corner Cleaning Machine with stepper motors by Delta make DVP32-ES PLCs and Exor HMIs with Recipe Manager feature.  
Client: CANARA LIGHTING INDUSTRIES  
Remote control of Lighting Crane Rigs through Smart phone using Wi-Fi and Plc (PM-554) automation and 3no.s VFDs ACS 380 (Modbus RTU Protocol).

## Education

UG: **B.Tech/B.E. (Electrical)** from **Camellia Institute Of Technology, Madhyamgram, Kolkata** in **2015**

PG: **PG Diploma (Industrial Automation)** in **0**

## IT Skills

Skill Name	Version	Last Used	Experience
Automation Builder, TIA, WPLSOFT			
Panel Builder 600,400			
Jmobile Studio, CAD			
AUTOCAD 2014, Microstation V8i			

## Languages Known

Language	Proficiency	Read	Write	Speak
English				
Hindi				
Bengali				

## Affirmative Action

Physically Challenged: No

## Work Authorization

Job Type: Permanent

Employment Status: Full time