

Photograph

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**CAREER OBJECTIVE:**

Obtaining a challenging position in a reputed organization where I can utilize my Subject knowledge, Communications and Technical skills for the development of the organization.

**WORK EXPERIENCE:**

Designation : Electronics Technician Organization : Magna Systems and Electronics Kollam Kerala Time Period : 2009 May – 2010 February And 2014 November –2015May (1year&4month)

**Roles & Responsibilities**

* + Computer assembling and troubleshooting
  + Network cabling and CCTV Camera cabling
  + Inverter assembling and troubleshooting

Designation : Electronics Technician Apprentice

Organization : C-DAC Thiruvananthapuram, Kerala

Time Period : 2010 March – 2011 July (1.5year)

**Roles & Responsibilities**

* Studio management.
* Managing and maintaining of Trainnet Server, Trainnet client ,VSAT modems, MLLN & routers
* Punarjjani, Web based integrated assessment and programming tool for mentally challenged children. Involved in the functionality testing
* Svadhyaya, content management system including live video streaming solution involved in the functionality testing.
* System management which involved Administration & Troubleshooting of telemedicine server, telemedicine client, medical equipments such as X-ray machine, Ultrasound, Microscope, Hematology analyzer, CR120 system and ECG machine and communication server
* System Engineer trainee
* Managing and up-keeping of 7 KVA UPS and batteries
* PCB designing , Soldering , Assembling
* Troubleshooting of studio equipments such as PTZ and handy cam cameras, AV mixer, different types of microphones, VGA splitters, Audio amplifier, DLP projector, etc

**EDUCATIONAL QUALIFICATIONS:**

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| --- | --- | --- | --- | --- |
| **Course** | **Institution** | **University / Board** | **Year Of Passing** | **Aggregate** |
| **B. Tech**  **( Electronics &**  **Communication Engineering )** | College Of Engineering Kottarakkara | Cochin University Of Science & Technology | **2014** | 70.4% |
| **Diploma**  **( Electronics & Communication**  **Engineering )** | Govt. Polytechnic College Ezhukone | Board Of Technical Education Kerala | **2009** | 74.1% |
| **HSC** | Muhammad Kunju Lebba Memorial. Higher Secondary School | Board Of Higher Secondary Education Kerala | **2006** | 62% |
| **SSlC** | Meenakshi Vilasam Govt.Vocational Higher Secondary School | Board Of Secondary Education Kerala | **2004** | 72% |

**Technical Qualification:**

Obtained **P**ost **G**raduate **D**iploma in **I**ndustrial **A**utomation **(PGDIA)** from Technocrat Automation Pvt Limited (IAO Accredited) Chennai, with 6 months **hands on practical experience** in Industrial Automation Tools specializing in **PLC, DCS, SCADA and VFD.**

**Technical Skills:**

* Basics of PCB designing & PCB soldering
* Network cabling
* Board level troubleshooting
* Knowledge in Panel wiring
* **PLC** (Programmable Logic Controllers) & **DCS** (Distributed Control System) - Programming languages such as **LD** (Ladder Diagram) & **FBD** (Functional Block **D**iagram) **exposure**  in brands as **Siemens**, **AB** (Allen Bradley), **ABB** (Asea Brown Boveri), **Honeywell.**
* **Hands on Practical exposure in Schneider,** **GE-Fanuc, Keyence, Omron, Messung**, **Mitsubishi,** and **Delta** .
* **SCADA** (Supervisory Control & Data Acquisition) – Screen designing, PLC interface, Data collection & storage
* **HMI** (Human Machine Interface) - Screen designing, PLC interface, DCS interface
* **PAC** (Programmable Automation Controller) – X, Y axis Robotic Control using Servo motors & drives
* **VFD** (Variable Frequency Drive) – Commissioning and Troubleshooting
* **Pneumatics & Field Instruments** ( Control Valve, Sensors, Level Transmitters, Flow Transmitters, Temperature Transmitters, Pressure Switches)
* Interfacing between PLC & GSM modem to communicate with mobile device
* Knowledge in **PID** (ProportionalIntegralDerivative)
* **Troubleshooting**  – PLC & DCS programming
* Control Panel (Power wiring & Control wiring)

**ACADEMIC Project:**

**Main Project:**

**Project Title: Recognizing Surgically Altered Face Using Matlab** at College Of Engineering Kottarakkara

**Description:**

The project aims developing a face recognition system for surgically altered face using MATLAB. In these project local features of pre-surgical and post-surgical facial images are calculated using descriptors Scale Invariant Feature Transform(SIFT) and Extended Uniform Circular Local Binary Pattern(EUCLBP) .These features are selected for comparison using Genetic Algorithm and compared using weighted distance algorithm. These system can implemented in Crime Records, Military Areas

**CO-CURRICULAR ACTIVITIES:**

Presented a paper on **Photonics for RF Front** at College Of Engineering Kottarakkara on 24th September 2013

**EXTRA CURRICULAR ACTIVITIES:**

* Volunteered National Service Scheme in College Of Engineering Kottarakkara
* Attended workshop on **Haptic Robotic Arm** organized by Technophilia at College of Engineering Kottarakkara
* Attended Blood Donation Camp in College Of Engineering Kottarakkara

**Computer Skills:**

Languages : Basics of C & C++

Packages : MS office

Designing Tools : MATLAB, ALLEGRO, PROTEUS.

Operating Systems : WINDOWS, LINUX

**DECLARATION:**

I hereby declare that the above particulars furnished by me are true to the best of my knowledge and belief.