Name: Syed Ali Asjad Naqvi

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Objective

A young, dynamic Graduate Electronics Engineer with over two year of experience in various internships and job. I am highly motivated and reliable, and actively seeking a position within the Electrical Engineering field. I am looking forward to become a part of the Electrical Engineering team within your organization, where I can apply the technical skills developed through formal education and experience in Engineering.

Education

- **SECONDARY:**
  June 2005 – June 2007 **IMCB F/8-4 Islamabad**

- **F.SC. PRE-ENGINEERING:**
  June 2007 – Sep 2009 **F G Collage H/9 Islamabad**

- **B.SC. ELECTRICAL/ELECTRONICS ENGINEERING:**
  Sep 2010 – June 2014 **International Islamic University, Islamabad. Pakistan (CGPA 3.00/4)**

Professional Certification

- I spent two weeks as a trainee at EES INT (Authorize Siemens Integrator) in workshop.
- During this period, I gained the comprehensive knowledge of development and maintenance procedure of PLC & Scada based System. I have mostly worked on these two model i.e. S7300 and S7400 PLC

Professional Experience

- Two months' internship in **Mobilink** in deployment department. Responsibilities included, taking care of the tasks going on in new sites.
- Eleven months' experience in hospitality in a Guest House.
- Three months Contract based job at **AP Automation** in Perth Australia. Responsibilities are assigned by the MD of company. Mostly work related to HMI designing, PLC programing, SCADA System designing. The main project I had done in this company is fluidized bed separator.
- One year in **Creative Electronics and Automation**. The job responsibilities are PCB designing, AutoCAD drawing and also take care of IT tasks.
- Currently working in WINCO as Sales Manager. The job responsibilities are managing sales executive activities, quotation making, Drawing making and meeting with clients to market the products.

EDA Tools

- Altium Design (PCB Designing)
- Auto CAD (2D)
- MATLAB
- AVR & 8051 Microcontroller
- WINCC SCADA System design
- Total Integrated Automation (Simulate real Automate System)
- WINCC Flexible (HMI Designing)

Programing Languages

- C, Assembly and C++ for Microcontroller Based System
- Verilog HDL for FPGA
- Ladder Logic for PLC programing

Final Year Project

Security Surveillance Octocopter

- **Description and Objective**
  The purpose of the project was to secure the area where humans cannot perform efficient duties. It is controlled by Hobby King 6ch transmitter receiver. The controller used was AVR based Arduino Board. The purpose of this was to send video to base station. It also protected itself from collision.

Semester Projects/Presentations

Projects:

- Design and implement a circuit converts the BCD input signal to Excess 3
- Home automation
- 7 – segment display for hexadecimal input
- Corporate Network of IIUI (Packet Tracer)
- Quiz system(programming)
- Wind mill (Pro-E, Auto CAD)
- Automatic lock system
- Dirt detecting system
- Square wave inverter
- Digital ballet system

Hobbies

Bodybuilding, Tourism and Cricket