Roshan Leon D'sa

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AL BALAD MAIN POST OFFICE

JEDDAH, SAUDI ARABIA

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OBJECTIVE:

To enhance my working capacities, professional skills, business efficiencies and to serve INECO in best possible way with sheer determination and commitment where I can show my talent and enhance my skills to meet company goals and objective with full integrity and zest.

EDUCATION:

- Pre-University   - The International Indian School, Jeddah, KSA.
- Graduation   - Bachelor of Engineering in Electronics and Communication (E.C.E)

  From St. Joseph Engineering College, Mangalore, India.

Bachelor of Engineering in Electronics and communication (E.C.E)

Semester	Percentage	Year	Semester	Percentage	Year
First	84.25%	2009	Second	86.45%	2010
Third	81.66%	2010	Fourth	85.56%	2011
Fifth	75.33%	2011	Sixth	79.68%	2012
Seventh	76.66%	2012	Eighth	80%	2013

EDUCATIONAL QUALIFICATION:

Course	Institution	Year	Percentage
B.E in E.C.E	St. Joseph Engineering College, Mangalore, Karnataka.	2009-13	81%
Year 12	The International Indian School, Jeddah, KSA.	2009	80%
Year 10	The International Indian School, Jeddah, KSA.	2007	75.5%

COMPUTER /SOFTWARE PROFICIENCY:

- Operating System: Windows 8, 7, XP, Vista.

- Assembly Level Languages: 8086, 8051 Microcontroller,

- Languages: C, C++.HTML, PHP MYSQL.

- Industrial Control System: SCADA.

- Control Programming Language: IEC 61131-3-(functional block diagram(FBD), ladder diagram(LD), sequential functional chart(SFC))

- Hands on Experience – PLC: Schneider Electric, Allen Bradley.

- HDL Languages: Verilog, VHDL (FPGA App).

- Software: Solid Edge, Xilinx ISE, MATLAB, Adobe Dreamweaver, NetBeans, LogixPro, TwidoSuite.GNS3.

- Open Source Programming – Arduino programming.

- Enrolled for CISCO Certified Network Associate (CCNA) - Routing and Switching.

Work Experience

- **Pearson Education Ltd, India.**

  Title: Low Current Solution - Trainer.

  Duration: 15th August -31st December 2013,

  This position as a tutor at Pearson Education Ltd gave me the immense opportunity to address large gatherings of up to 80 physicists, Mathematicians and Engineers. I was given complete exposure to revise and explain advanced concepts in a large variety of fields such as Field Theory, Advanced Calculus, Transmission line, network

configuration and Fire Alarm System designs. This work field deepened my understanding of human physiology and advanced my techniques to effectively communicate with mass gatherings and persuade them to agree with some of the challenging concepts. It eliminated the concept of stage-fear and enhanced my competency in public speaking.

- **SMEC Labs, India.**

  Title: Sales Engineer – LV/MV Distribution, Control Panel & Automation SIEMENS, Schneider Electric Trainer, Demonstrator and Educator.

  Duration: 2nd November- 31st December 2013.

  In this job position I was involved in demonstrating SCADAs, PLCs to various industrial clients. I was responsible to persuade them to proceed with acquisition. I was involved in choosing the optimum system to best suit their requirements and program or otherwise install and then train the clients on usage, maintenance and basic troubleshooting. This working environment gave me an excellent exposure to deal with a variety of industrial and commercial clients and to demonstrate to them our products and possible areas of implementation in their industries and businesses.

- **Fraberlen Technologies – POS Systems, Adelaide, Australia**

  Title: Website administrator

  Duration: May 2013 till Current

  This is a casual job I currently monitor and upgrade. I was involved in complete design and implementation of the website for a Point-of Sales System Company in Adelaide, Australia. I designed the website, designed brochures for marketing and currently upgrade it on a monthly basis or otherwise on request. This project gave me a better understanding on international Business and trade. It made me prompt in addressing client's needs and client follow-up. Furthermore, it gave me good understanding of operation of Cash-registers, cash-drawers, receipt printers and POS systems on the whole.

PERSONAL SKILLS:

- **Impressive communication and presentation skills in English**

Trained and demonstrated SCADA, PLC (TWDLCDA24DRF) and CISCO routers for over 80 Engineers in a span of four months at various institutions.

- **Committed, strategized, hard and a smart Engineer**

  Completed Engineering with an award of High Distinction. Served as mentor, project leader and member at various levels and institutions and have actively participated and executed every responsibility with integrity.

- **Exceptional technical skills**

  With almost 5 years of experience in designing, analyzing, troubleshooting and hypothesizing technical concepts. I have gained skills to address and design door, silo, batch simulations and router configurations.

- **Risk Assessor, project planner, scope refiner and organizer**

  Planned, organized and implemented course curriculums, projects and demonstrations at various levels both at academic level and management level.

- **Multilingual**

  Can fluently speak, read and write English, Arabic and Hindi

Engineering Projects

- **Information hiding using LSB Algorithm implemented using MATLAB**

  In my final year of Undergraduate Engineering studies at St Joseph Engineering College (SJEC) in a span of 3 months; I comprehended, analyzed, compared and designed various standard Cryptographic techniques and then implemented Steganography through the Least Significant Bit (LSB) Algorithm using MATLAB. This was a group project comprising of four members and was assessed periodically by the Faculty of Electronics and Communication Engineering at SJEC. This project has potential applications banking sectors.

- **Automated Hydroponics System using Arduino**

  During this career episode I designed, engineered, automated and monitored an efficient self-sustaining Hydroponics system. This system was then set-up and demonstrated in one of the laboratories of St Joseph Engineering College (SJEC).
  I undertook this project as an Undergraduate Engineering student during my Bachelor of Engineering (B.E) studies in Electronics and Communication at SJEC. I worked on it from 1st February 2011 through to 31st March 2011. I was awarded second place for my design, innovation and debate.

- **Website Administrator for an Australian Company**

  Since May 2013- Website designer, developer and administrator for an Australian based company; Fraberlen Technologies specialized in Point-of-Sales Systems.
  http://fraberlen.wix.com/fraberlen-technology

EXTRA CURRICULAR ACHIEVEMENTS:

- A Student Coordinator in the event 'Inter - College Power – point Presentation ' organized under 'Prodigi' an E&C community in the college
- Secured **Second** position in technical presentation competition organized by IEEE, TIARA 7.0
- Awarded **Second** place in All State Level Inter College Paper presentation for St. Joseph Engineering College, Mangalore, Karnataka in year 2010
- Won a **Bronze medal** for an Inter School level debate competition for International Indian School Jeddah, Saudi Arabia in 2007.
- Successful in being captain of the E&C basketball of St. Joseph Engineering College team during the years 2009-2010, 2010-2011, 2011-2012 & 2012-2013 basketball tournaments.
- Learnt the art of mixed martial arts, shadow boxing and Thai boxing.

PERSONAL DETAILS:

Name in full	Roshan Leon D'sa
Gender	Male
Nationality	Indian
Age	22
Driving License	Hold current Saudi and International Driver's License.
Iquama status	Hold Current Transferable Iquama.

References:

1. Francis George D'sa
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Date: 24-03-2014   **ROSHAN LEON D'SA**

I certify that all the information I furnish herein is factually correct to the best of my knowledge and belief and accept that it is subject to verification by Concerned.