

KARAN ARORA

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OBJECTIVE:

To use my ability as a disseminator of knowledge and learning to reach to a growth oriented position in a reputed organization, which could bring the best out of me and to provide opportunities to enhance my knowledge and skills to contribute to the organization's success.

ACADEMIC QUALIFICATION:

- Bachelors in Technology (Electronics and Communication) 2010-14 – CT INSTITUTE OF ENGINEERING, MANAGEMENT AND TECHNOLOGY, JALANDHAR.
- Senior Secondary CBSE Delhi Board 2010 (SCIENCE STREAM) – MIRA MODEL SCHOOL, NEW DELHI.
- Higher Secondary CBSE Delhi Board 2008 – MIRA MODEL SCHOOL, NEW DELHI.

APPRENTICESHIP AND TRAINING:

- Working part time as the **Chief Operating Officer** at **Let Me Know** (www.letmeknow.in), a student based start up and the largest internship portal in India.
- Working part time as a **Strategic Consultant** at **Bakfy**, a seed funded start up, progressing to make college campuses totally interactive and accessible.
- Worked as an **Engineering Intern** at **Reliance Industries Limited** (Refinery Divison), Jamnagar in the **Captive Power Plant** Division under the project “Improvements in DCS System at Captive Power Plant, Reliance Industries Limited, Jamnagar”.
- Worked as an **Engineering Intern** at **Sterlite Technologies** under the RailTel Project “MPLS Network At Different Locations.”
- Worked as a **Social Media And Business Development Intern** for **Ilogo** under the Project “Enerzal Presents Coolest Campus T-Shirt Contest.”
- Worked as an **Engineering Intern** in **Siemens India Limited** under the Project “Delhi Airport Metro Expressway Private Limited (DAMEPL).”
- Worked as a **Summer Intern (Business Development)** at **Laxman Business Services**, a sister concern of Laxman Industries (Previously known as Sylvania Laxman).
- Worked as a **Volunteer** at **The Spic Macay Society** and **The Rotaract Club** at the school level.

PROJECT OVERVIEW AT RELIANCE INDUSTRIES LIMITED:

Name of the Project: Improvements in DCS System at Captive Power Plant, Reliance Industries Limited, Jamnager.

Brief Introduction: Reliance Industries Limited is the Largest Private Sector Conglomerate of India, having its span in exploration and production of oil and gas, petroleum refining and marketing, petrochemicals (polyester, fibre intermediates, plastics and chemicals), textiles, retail, infotel and special economic zones.

The Project Includes a new model of DCS System at CPP, Jamnagar, based over the FDDI Model of communication. Other than this, gained hand on experience in operation and maintenance at CPP, Jamnagar, including instruments like transmitters, switches, RTD's, SOx/NOx/Co Analyzers, Ph/O2 Analyzers etc.

PUBLICATIONS:

INTERNATIONAL JOURNAL

- H P Singh, Karan Arora, A Sharma, M Anand, Ashima, "Simulative Analysis of OFDMA System under Pervasive Environment", International Journal Conference on Instrumentation and Electronics Engineering (IJCIEE, 13), Dubai, Oct 4-5th, 2013.
Link: <http://www.isaet.org/images/extraimages/D1013074.pdf>
- A Sharma, M Anand, H P Singh, Karan Arora, Ashima, "Optimization of Backhaul Network in optical Fiber Communication", International Journal Conference on Instrumentation and Electronics Engineering (IJCIEE, 13), Dubai, Oct 4-5th, 2013.
Link: <http://www.isaet.org/images/extraimages/D1013094.pdf>

NATIONAL CONFERENCE

- Karan Arora, Mukul Anand, "OFDM for Wireless Communication System: Progress Report", Recent Trends in Information and Communication Technologies, CTIEMT, Jalandhar, Feb 22-23rd, 2013.
- Mukul Anand, Karan Arora, "MO ROBOT: Different Controlling Ways", Recent Trends in Information and Communication Technologies, CTIEMT, Jalandhar, Feb 22-23rd, 2013.

ACHIEVEMENTS:

- Achieved Best Paper Award for Research Paper titled "**Simulative Analysis of OFDMA System under Pervasive Environment**" on October 4th – 5th, 2013 at International Journal Multi-Conference on IT, Data Mining, Electronics and Mechanical Engineering (IJMIDEME'13), Dubai.
- Initiated a college community called '**The Electrosapiens**', working towards the development of corporate skills in the Student Community.
- Achieved certification of completion from **Siemens Industry** in Basics of PLCs.
- Achieved certification of completion from K.M Institutions in Core JAVA.

- Scored 8.0 bands out of 9.0 in **International English Language Testing System (IELTS) Examination.**
- Certificates in **Zonal Level** Competition in Basketball, Music and Rock Climbing.

COMPUTER SKILLS:

- MS Excel
- Core Java Language
- C++ Language
- MATLAB/ SIMULINK
- Image Processing.
- Keil µvision
- Adobe Photoshop/ Image Ready
- CORAL
- Prezi
- HTML
- Autodesk AutoCad

PERSONAL DETAILS:

- **NAME** : Karan Arora
- **DATE OF BIRTH** : 09th December, 1991
- **PERMANENT ADDRESS** : BB/29-B, Janakpuri, New Delhi-110058
- **LANGUAGES KNOWN** : Hindi, English, Punjabi
- **HOBBIES** : Programming, Reading, Writing and Blogging.

REFERENCES:

- Dr. Harjit Pal Singh (Asst. Professor),
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