**JASKARAN SINGH**

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**QUALIFICATION SUMMARY**

* Worked both on field and off field environment
* Experienced with PCB, multichannel counter, data acquisition
* Hands on experience of analysis of equipment and circuits
* Positive attitude, adaptable and keen learner
* Detail Oriented, motivated and team player

**TECHNICAL SKILLS**

* Familiar with 2g/3g architecture and Mobile Communication Systems
* Knowledge of TCP/IP, HTTP, FTP, Telnet, OSI, DHCP
* Familiar with Cell sites, PSTN, Handoff, Cell Splitting, Frequency Reuse, TDMA , FDMA, CDMA
* Experience in use of CRO, Spectrum Analyzers, Digital Millimetres, Signal generator
* Experience with use and programming of microcontroller 8051, Motorola 68hc11
* Knowledge of C++, Microsoft word, PowerPoint , LAN, WAN
* Computer Assembly and Disassembly

**EDUCATION**

**Diploma in Electronics Engineering Technology** Jan 2014 - Present

Centennial College, Toronto, Canada

**Bachelors in Electronics & Telecommunications Engineering** Aug 2009 – Apr 2013

Punjab Technical University, India

**TECHNICAL EXPERIENCE**

**Junior Research Assistant** (8 months) Jan 2013 – Aug 2013

TBRL (Terminal Ballistic Research Laboratory) of DRDO, Chandigarh

* Worked on Data Accumulation and Management for Velocity Measurement of Fragments caused by Warhead and Bomb explosions.
* Measured the Lethality of Ammunition
* Used electronic techniques of PCB and counter to find the lethality count
* Designed of remote detonation circuit to detonate the ammunition

**CISCO Network Associate** (6 months) June 2011- Dec 2011

Jetking , Chandigarh

* Worked on various Routing Protocols
* Configured Network Routers and Switches
* Installed Operating Systems and Environments on local PC’s
* Developed and maintained Documentation of network topologies.

**Computer Repair Assistant** (8 months) Jan 2010- Aug 2010

Shivam Technologies, Hoshiarpur

* Assembly and Disassembly of computers
* Install Operating Systems and troubleshoot software conflicts
* Repair and install cables and components in computer peripherals
* Maintain record of products and parts.

**PROJECTS**

* RF based Remote Detonation system using 433 MHz transmitter and receiver
* Team Assisted Clap based Digital Volume Control
* VMDAS Analysis (Velocity Measurement Data Acquisition System) used for measurement of Fragments caused by explosives by Multichannel Counter
* Magical lights game operating on simple electrical circuit

**References**

Available on request