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# EDUCATIONAL QUALIFICATIONS

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Degree/Certificate** | **Institute/School** | **CPI / %** |
| 2016 (expected) | B-Tech (Communication Science and Engineering) | The LNM Institute of Information Technology, Jaipur | 7.07  (includes 5th sem and before) |
| 2011 | Class XII (CBSE) | Tagore Public School, Jaipur | 79.2 |
| 2009 | Class X (CBSE) | Tagore Public School, Jaipur | 84.4 |

# PROFILES

* Codechef : <http://www.codechef.com/users/darkpanther>
* Linkedin : [in.linkedin.com/pub/prashant-singh-rathore/5a/b31/a90/](http://in.linkedin.com/pub/prashant-singh-rathore/5a/b31/a90/)

# PROJECTS DETAILS

* Developed a **shell script** that sorts files and group them in mentioned directories using their extensions.
* A program that processes sales logs for a Retail Chain useful to find most popular item, best store etc using Hadoop and **MapReduce**.
* A program that processes a web server log file which can be used to find most requested page,list frequent users using **Hadoop and MapReduce.**
* Iterative version of merge sort.
* **Content management System** for library with newsfeed and popular feed statistics.
* **Ongoing**   
  Analysis of Stable Matching Algorithm for resource allocation in Distributed computing.

# ACADEMIC ACHIEVEMENTS

* 89 th rank in National Programming League organised by IEEE and NIT Warangal.
* 2nd Rank in Intra University Programming Contest of LNMIIT,Jaipur.
* 2nd in Prison Break, a CTF (hacking and security bug) event in Vivacity.
* Had a breakthrough experience in the ‘Python Workshop’ organized by The Google Developers Group- LNMIIT Jaipur and Computer Society of India - Student Branch LNMIIT, Jaipur.
* National Rank 7 in 1st round of International Informatics Olympiad during school.

# RELEVANT COURSES

**Courses:**

* C Programming, Data Structures and Algorithms, Design and analysis of algorithms, Computer Organization and Architecture, Operating Systems, Digital Circuits and Systems, Information Technology Workshop (ITWS).

# POSITIONS OF RESPONSIBILITY

* Problem Setter and Event organiser for LNMIIT's Inter University Programming Contest.
* Member of the official computer club of my college named **Cybros.**
* **Coordinator** of LNMIIT programmers group.
* **HackerEarth campus Evangelist.**

# TECHNICAL SKILLS

* **C, C++,JAVA**, HTML 5, CSS 3, PHP.
* **Data Structures and Algorithms.**
* Hadoop and **MapReduce**.
* **CudaC** and learning **OpenCL**
* Familiar with Command Line Interface (Ubuntu and Fedora) and **scripting languages like Shell and Bash**.
* Also an elementary knowledge in Multisim, Xilinx, VHDL, Dia, GNU Plot, DSCH, Microwind and Graphic Tools.

# NON TECHNICAL SKILLS

* Languages known – Hindi, English.
* Yellow Belt in Taekwondo.

**Reference:**

Available on Request