Prateek Kumar Nischal

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EDUCATION

B.Tech In Electrical Engineering   July 2012 — June 2016
Indian School of Mines
CGPA : 8.45 (till now)

INTERESTS

- Sport Programming
- Tech Follower
- football

SKILLS

- Computer Languages : C/C++, Java, Python
- Web Designing : HTML, PHP(Codeignitor framwork), JavaScript (Basic), AJAX(basic)
- Database : MySql
- VCS : git
- Operating Systems : Linux, Windows

PROJECTS

- **Management Information System (MIS):** Automation System used in Indian School Of Mines to handle all information on Students, faculty and alumni, and all working procedures/Office works. Developed using CodeIgnitor MVC framwork with **MySql RDBMS.** Worked under Dr. Chiranjeev Kumar in the following modules
    - **Dues Management System -** Used to maintain record of fines and dues on students.
    - **Venue Booking System -** Used to manage bookings of various venues for Lecture/events/Seminars.
- **ISMShuttle -** A bus tracking system, used to track and located the shuttle service in ISM campus.Worked on the Server Back End and Android back end part for storing and retrieval part of the project.
- **MicroGrid -** Power distribution system to localise load distribution and provide autonomy to local loads and thus improving Power stability, Power Quality, reliability and decrease load on the national power grid network. Worked under Dr. Vivekanand Mukherjee.

ACHIEVEMENTS

- Represented ISM at **ACM ICPC 2014** Regionals at Kharagpur and ranked 25 among 793 teams.
- Problem Setter/Tester of **Code Marathon**, A group of 4 weekly contests with 5 algorithmic problems to be solved under 2.5 hrs. Organised for 3 divisions (1st year students, 2nd year students, and pre-final and above).
- Represented my school at **Indian National Mathematics Olympiad** (INMO) - 2012