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PRINCI VERSHWAL

Education

July 2014 – Present	**Indian Institute of Technology (IIT) Roorkee, India)**	
	B.Tech II year, Metallurgical and Materials Engineering	**CGPA 7.182 /10**
July 2014	**Central Board of Secondary Education**	
	Class 12th, St. Ann's Sr Sec School, Roorkee, India.	**94 %**
July 2012	**Central Board of Secondary Education**	
	Class 10th, Adarsh Bal Niketan Sr Sec School, Roorkee, India.	**CGPA 10/10**

Projects

TECHNOLOGY AND SCIENCE

Feb 2015   **Microsoft Code.Fun.Do**

The aim of this project was to develop user interactive windows/android/desktop app using Visual Studio.Participated and got in the TOP 20 Apps in the Hackathon-2015 conducted by Microsoft for developing I-Vote, an app which aimed at changing the way any kind of elections take place here at IITR.

Used XAML in the front end and C# for the backend structure.

MANAGEMENT STUDIES

Oct-Nov 2016   **Department of Management Studies, IIT Roorkee**
IBM-306 Marketing Research

Under the guidance of Prof. Dr. Jogendra Kumar Nayak, the purpose of this study was to observe the difference in behaviour of girl students when they study in single sex school and a co-education school. Our aim was to find which one of the two(if any) was better than the other in terms of overall development.

Awards & Achievements

- Secured a position within top 3% in JEE Advanced 2014, the all India entrance examination for IITs.
- Secured a position within top 0.5% in JEE Mains.
- First rank in National Science Olympiad 2007 in school.
- Won the academic topper award(topper in five sections) in class 5th.
- Won a scholarship in class 8th for being the topper among girls.
- Secured a rank in top 300 in Codechef Snackdown 2016.
- Secured 255 rank, out of 3000 participants, in ACM-ICPC India Regionals, Online Preliminary Round 2016.

Additional Courses Taken

Computer Programming (C++), Communication Skills, Economics, Marketing Research, Web Designing and Development, Linux Command Line Basics, JavaScript(Beginners), MySQL Developer Course, Python & PostgreSQL Developer Course.

Work Experience

July 2015 - Present   **Programmer, Programming and Algorithms Group (PAG)**

Active member of PAG, a group of enthusiastic and young programmers with the aim of improving the algorithmic, mathematical and programmatically problem solving capability of students of IIT Roorkee.

- **IIT Roorkee Insomnia, Algophobic and Codematics** are the three annual contests organized by the member of PAG on platform like Codechef and erdos. I set problems for Algophobic and Codematics.

- Members of PAG conduct regular lectures on algorithms and data structures. I was a part of these lectures in my second year and myself delivered lecture on "Introduction to competitive programming" and "Linked lists".
- I have solved above 300 problems on coding sites like Codechef, Spoj and Codeforces.

Aug 2014 - Present	**Vice President, Geek Gazette**

Geek Gazette is IIT Roorkee's technical magazine aims to satisfy the geek inside every one of us by providing insightful articles. Working cohesively with the Editorial team and the Design Team.
I manage all the official work for the magazine.

Aug 2015 - Aug 2016   **Executive, Alumni Relations Cell, Metallurgical Engineers' Society**
Member of our department's student body, Metallurgical Engineers Society(MetES) where I was actively involved in maintaining Alumni Relations of MetES and the department.

Dec 2015   **Internship - Marketing Trainee, BookMyPopupShop**
As a Marketing Trainee, I acquired knowledge on the business marketing of the organization, assisted in corporate marketing related projects, acquired basic knowledge on the various techniques associated with advertising of the firm and done basic marketing research.

Positions of Responsibility & Extracurriculars

July 2014 - April 2015   **Member, Design Cell, National Service Scheme (N.S.S), IIT Roorkee**
As a design Member in the Technical Cell of N.S.S IIT Roorkee I designed posters for N.S.S events like Blood Donation camp and volunteered for various events like Swachh Bharat Abhiyan, fund collection for Kashmir flood victims and Blood Donation camp.

Aug 2014 - Dec 2015   **Member, Dramatics Society, Cultural Council, IIT Roorkee**
Member of the Dramatics Society of IIT Roorkee, Performed a street play as a part of Cultural Week- 2014. Also, performed as a lead in a play in the orientation of freshers.

Feb 2015   **Co-coordinator, Sankalp (The Annual IIT Roorkee Social Festival)**
Co-coordinator of the Marketing team of Sankalp'14.

Sep 2014   **Volunteer Sponsorship and Promotions, Thomso, IIT Roorkee**
I have worked with the Thomso team of IITR in my first year as a volunteer in sponsorship and promotions cell.

Skills
Languages: English & Hindi.   **Mathematical Skills:** Linear Algebra, Problem Solving.
Software Packages: Photoshop, MS Office, Visual Studio.   **Programming Languages:** C/ C++
Programming Skills: Algorithms, Data Structures, Competitive Coding.

References
Prof. Vivek Pancholi   **Prof. (Dr.) Devendra Singh**
Associate Professor   Associate Professor
Head (Training and Placement)   Metallurgical & Materials
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