

EDUCATIONAL QUALIFICATIONS

Year	Degree/Certificate	Institute/School	CGPA / %
2013-2017(expected)	B. Tech – Computer Science Engineering	The LNM Institute of Information Technology, Jaipur	7.68/10
2013	Class XII (C.B.S.E Board)	Shardein School, Muzaffarnagar	95.2%
2011	Class X (C.B.S.E Board)	Shardein School, Muzaffarnagar	10/10

SCHOLASTIC ACHIEVEMENTS

- Ranked 2nd in class XII board examination in school.
- Received **academic scholarship** and **merit certificate** for 10/10 CGPA in class X board examination.

INTERNSHIPS

Indian Institute of Information Technology (IIIT) Hyderabad May-June 2015
Prof. Vinay Kumar Mittal

“A Web- based Smart Weather Reporting system” (Summer Intern)

- A web service aimed at analysis of Weather Data, the data being generated by a smart weather station. Automated web display and data processing.
- Skills used: ASP.Net, C#, MATLAB

DRDO (Defence Research and Development Organization) Work from home Dec 2015 – Jan 2016

“Dashboards showing visualisations” (Winter Intern)

- Developed 3 dashboards using visualization techniques.
- Skills used: HTML, CSS, **JavaScript**, **D3.js**, Google Charts, Bootstrap.

PUBLICATIONS

“Correlation among environmental parameters using an online smart weather station system”

- Correlation amongst multiple weather parameters data, collected over a period of 18 months was seen. Further, a web-based service was aimed at automated analysis of weather data generated by the smart weather station.
- Accepted-** IEEE - 2015 Annual IEEE India Conference (INDICON) [November] **Presentation** - Jamia Milia, Delhi [17th December'15] **Publish** Results will be declared in April'16.

PROJECTS

College Admission Portal The LNMIIT, Jaipur April 2015

- Online college admission process and counselling portal.
- Interface developed using **JSP, HTML, JavaScript, and CSS on bootstrap**.
- Database maintained with **BCNF Normalization** separately for administration and students on **IBM DB2**.
- Dynamic queries implemented for administrative changes in database. Backend programming done using **Java**.
- MVC model**.

CPU Scheduling Simulator The LNMIIT, Jaipur April 2015

- Simulator in which all the scheduling algorithms are shown with animated Gantt and pie chart.
- Skills used: Java, MATLAB, Operating Systems

UG Hostel Allocation and Management The LNMIIT, Jaipur November 2015

- An **Android App** for proper authorization and allocation of rooms in the hostel.

16-bit two pass assembler

The LNMIIT, Jaipur

March 2015

- Developed a **16-bit Instruction Set Architecture** aimed at basic mathematical computation of logical operations.
- Assembler works in two passes. In first pass op-code table is generated whereas in second pass assembly code is converted into corresponding machine code.

SKILL SET

Programming Languages:	C, Java, Javascript , MATLAB, Python
Web Technologies:	HTML5, CSS, d3.JS , JSP, angularJS
Frontend Frameworks	Bootstrap
Platforms:	Linux(Ubuntu), Windows, Android
Database Softwares:	IBM-Db2, MYSQL
Applications:	NetBeans, Xilinx, Eclipse , Visual Studio, Android Studio

IMPORTANT COURSES

C programming	Data Structures	OOP with Java
Database and Management Systems	Algorithms	Software Engineering
Artificial Intelligence	Operating Systems	Theory of Computation
Discrete Mathematical Structures	Operational Research	IT Workshop
Computer Organization and Architecture	Computer Networking	Software Metrics

POSITIONS OF RESPONSIBILITY

- Member of **Student Gymkhana** as **General Body Member** of **Science and Tech. Council 2015 – 2016**.
- Manages the various technical events happening in different clubs.
- Organizer of the technical fest (Plinth'16) of the college.
- Co-ordinated and Managed the Zonal Round of **International Robotics Challenge** organized by Robotics Lab and **Techfest, IIT Bombay**.
- Active Team Member and Event Coordinator in **I-club (Innovation Club)** of the college.

EXTRA CURRICULAR ACTIVITIES

Coding Platforms	<ul style="list-style-type: none"> Participated in a coding event: Code Sprint India 2014 and cleared first round. Participated in ACM-ICPC(2014) Frequent visitors in coding sites like Codechef, Hackerearth
Sports Participations	Participated in Desportivos (Table tennis) : National Level Sports fest of The LNMIIT Jaipur
Cultural Participations.	Participated in Mime completion in national level cultural fest, Vivacity(2015)