

## EDUCATION

Degree	Year	Institution/Board	CPI/%
B.Tech	2012-2016*	LNM Institute of Information Technology, Jaipur	8.67/10
XII	2011	Delhi Public School, Ghaziabad (CBSE)	88.4%
X	2009	Delhi Public School, Ghaziabad (CBSE)	83.8%

\* Expected year of completion

## WORK EXPERIENCE

**Google Summer Of Code - OWASP [Github](#)** Summer '14  
Developed a web application that offers CTF style challenges for learning web application security. Designed challenges that simulate various critical security vulnerabilities like XSS, SQLi, MITM etc.

**Mellon Labs - Web Developer Intern** Summer '13  
Built a location sharing platform ([Zeocode](#)) that is used to encode geographical location and postal address for sharing. Also developed its RESTful API service for the mobile app and clients.

**Mellon Labs - Student Employee** Aug '13 - Present  
Working on the project 'Zeocode' as a part time student employee. Maintaining the current version and integrating new features in it.

## PROJECTS

**WebGoatPHP [Github](#)** May '14 - Aug '14  
Open Web Application Security Project (OWASP), GSOC

- Developed a web application which imitates OWASP Top 10 vulnerabilities.
- It has four operating modes - Single, Workshop, CTF and Secure Coding.
- Users learn by exploiting the vulnerabilities in virtual environment.
- It also offers a platform to host CTF challenges.

**Information Visualization [Github](#)** May '13 - Dec '13  
Defense Research and Development Organization (DRDO), Delhi

- Studied various techniques of data visualization and cognition.
- Developed a virtual reality model in Python (using "vizard" Library).
- Designed web based visualization models in JavaScript using d3js library.

**Zinger - Vocabulary builder [Github](#)** Jan '15 - Feb '15  
Jaipur Hackathon

- Developed a chrome extension for building vocabulary.
- It helps user to learn new words with minimum efforts.
- The extension displays flashcards while user is browsing the web.

**WiMic - Wireless Mic** Feb '15 - Present  
The LNM Institute of Information Technology

- Developing an android app to solve the problem of microphone in large gatherings like conferences or classrooms.
- It will eliminate the need of carrying microphone to the audience when they want to speak.
- People will be able to use their android phone to transmit their voice over room's speakers.
- Developing in Java and Python in a team of 4.

More projects on [Github](#) account.

<b>OPEN SOURCE PROJECTS</b>	<b>phpMyAdmin</b> <a href="#">Github</a> June '14 - Present phpMyAdmin is an open source software written in PHP and JavaScript (jQuery) intended to handle the administration of MySQL over the Web. Contributing to the project by fixing various bugs.
	<b>TopCoder Direct</b> <a href="#">Github</a> Sept '13 - Present TopCoder direct is a platform for hosting competitions on TopCoder. Fixing various Java, JavaScript and CSS related bugs in the application.
<b>TECHNICAL SKILLS</b>	<b>Languages:</b> C, C++, Java <b>Web Development:</b> JavaScript, PHP, HTML/CSS, MySQL <b>Frameworks:</b> CodeIgniter, jFramework <b>Libraries Explored:</b> jQuery, d3js, jQuery-UI, Bootstrap <b>APIs Explored:</b> Twilio, Google Maps/Places API, OpenId, Google Charts <b>Others:</b> Matlab, Octave, L <sup>A</sup> T <sub>E</sub> X, Shell Scripting, SED, gnuplot <b>Platforms:</b> GNU/Linux, Windows
<b>ACHIEVEMENTS</b>	Secured 1 <sup>st</sup> position in state level bug fixing contest. Secured 1 <sup>st</sup> position in Intra University Programming Contest. 2 <sup>nd</sup> runner up in Jaipur Hackathon. Runner up in three consecutive Intra University Programming Contests. Selected in top 150 programmers (out of 10,000+ students) in National Programming League 2012 , NIT Warangal. Perfect <b>10/10</b> CPI in major (core Computer Science courses). Technical reviewer of the book "Twilio Best Practices" (ISBN 139781782175896).
<b>POSITIONS OF RESPONSIBILITY</b>	Teaching Assistant (TA) of Data Structure course. Jan '14 - May '14 Teaching Assistant (TA) of Computer Programming course. May '14 - Dec '14 Teaching Assistant (TA) of Introduction to Java course. Jan '15 - Present Student representative in LNMIIT IT department. May '14 - Present Table Tennis coordinator of LNMIIT. June '13 - May '14

Last updated: February 28, 2015