

Education

- **Indira Gandhi Delhi Technical University** Delhi
B.Tech Information Technology 2010 - 2014
- **Kendriya Vidyalaya Vigyan Vihar** Delhi
C.B.S.E, AISSCE 2010

Work Experience

- **Indian Institute of Technology, Delhi** *Intern, Summer 2012*
 - Developed a Java Swing application for computing Optimal Travel Route between node locations in WISEKAR . (Java, REST calls, JSON)
- **Qualcomm Inc.** *Interim Engineering Intern, Summer 2013*
 - Developed a log-packet which logs the timing of Enhanced Up link profiled data path handlers. (C, Perl)
- **Findable.in** *Software Engineer, June 2014 to September 2014*
 - Worked on information retrieval, website parsing. (Python, Scrapy, BeautifulSoup)
- **The Linux Foundation** *Intern, December 2014 to present*
 - Recently, Coccinelle is used in an extensive study of faults in Linux 2.6. The goal of my project is to extend the results to more recent versions of Linux, and to facilitate the extension of the work to subsequent versions. (C, Coccinelle, Git)

Activities

- **Tremors 11.0, CSI IGIT Tech. Festival** *Joint Publicity Head, 2011*
 - Responsible for publicising the events in around 200 colleges in India.
- **Tremors 12.0, CSI IGIT Tech. Festival** *Strategy Head, 2012*
 - Coded, conceptualized, strategised ten most successful technical events.
- **Anubhav, IGIT Delhi** *Founder, 2014*
 - Organized interaction sessions, Q&A sessions, to help participants to learn from each other experience and share their knowledge.

Skills

- **Computer skills:** C, C++, Linux, Git, Python, HTML, CSS, Latex.

Academic Achievements & Awards

- Among Top 5 students from Class 1(1998) to Class 12(2010).
- Student Talent Award, Hindi Academy, 2008.
- Ranked 114 Codechef, short contest, July 2012.
- Won prizes in coding competitions named Smash The Bug, Adavya Programming Competition, Code Wars, Obfuscation, quizzes named Internet quiz and general programming concepts, Operating System quiz e.t.c.

Projects

- **Base Number Convertor System** *Self, Summer 2011*
 - This converter convert's information given in source base to target base (ranges from 2 to 20). The user is prompted if entered information does not confine under the source base. (C)
- **Visualizations in CPU Scheduling** *Summer 2011*
 - Visualizations of CPU Scheduling Algorithms like FCFS, SJF, RR, Multilevel Queue Scheduling, Priority Based Scheduling was done. The user enters the No of processes and other parameters are generated randomly. (C, GTK+)
- **Techase, Online Treasure Hunt System** *Tremors 12.0, 2012*
 - T echase is an online treasure hunt system. This allows the user to register, who after login plays the on-line treasure hunt game. Various facilities for user were given such changing password, etc. (HTML, CSS, PHP, MySql)
- **WISEKAR Optimal Travel Route** *IIT Delhi, Summer 2012*
 - Developed a Java Swing application for computing Optimal Travel Route between node locations in WISEKAR. Start and end time stamps on the app are used to retrieve location information about nodes from Wiskar. Brute Force and Simulated Annealing (with a lower time complexity) are used to compute solution to the NP-Hard Travelling Salesman Problem in order to find optimal and near Optimal Travel Route respectively. (Java, JSON, REST calls)
- **WCDMA Enhanced UPLink Timing Log Packet** *Qualcomm Inc., Summer 2013*
 - The objective of the project is to develop a packet which logs the timing of Enhanced Up link profiled data path handlers. The packet is submitted to DIAG when the EUL data path handler end time is reached. Each log packet will have a fixed number of samples specified in the log packet header. This packet is delivered every 200 ms or upon reconfiguration or active set update. We will have a sample for this packet every TTI. (C, Perl)
- **M.Tech Counselling System** *IGIT Delhi, January 2014*
 - The objective of developing this system is to automate the M.Tech Counselling in IGIT, Delhi. (HTML, CSS, PHP, MySql)
- **PyHoroscope** *Self, 2014*
 - A Python module to fetch and parse data from GaneshaSpeaks to get the weekly, monthly, today's, yearly horoscope and know more about a sunsign, hosted on PyPI. Built Horoscope API based on this package, hosted on Heroku. (Python, Flask)
- **QTopic** *Self, 2014*
 - A REST API for Quora's Topic related data. (Python, BeautifulSoup, Scrapy)

Extra Curricular Activities & Achievements

- **Best House Captain**, 2009 & 2010.
- **Gold Medal Winner**, Badminton, **GGSIU Sports Meet**, 2010.
- Worked with **Aam Aadmi Party**, Delhi Unit, 2013.
- Worked with NGO **Samarpan**, 2013.