

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

- **SAP Labs** *Developer Associate, April 2015 to present*
 - Working in Master's Data for S4 HANA team. (UI5, ABAP)
- **OWASP Summer Code Sprint** *OWASP Summer Code Sprint Student, July 2015 to September 2015*
 - Contributed to Hackademic Project. Made the large codebase to follow PSR Standards, fixed bugs, added Travis CI to the repository. (PHP)
- **The Linux Foundation** *Outreachy Intern, December 2014 to March 2015*
 - In 2001, Chou et al. published a study of common faults in Linux versions 1.0 through 2.4.1. They used a static analyzer to get the results. In 2014, Palix et al. extended this work to cover the 2.6.x versions of the Linux Kernel. They found that the number of common faults decreased from the previous study results, implying better code quality in 2.6.x, but was still very high. I applied the same analysis to the Linux 3.x versions. The studied period in particular includes the zero-day build testing service in 2012. (C, Git, Coccinelle)
- **Findable.in** *Software Engineer, June 2014 to September 2014*
 - Worked on website parsing, scraping and web development. (Python, Scrapy, BeautifulSoup, Django)
- **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)
- **Indian Institute of Technology, Delhi** *Intern, Summer 2012*
 - Developed a Java Swing application for computing Optimal Travel Route between node locations in WISEKAR (Java)

Volunteer

- **Learn IT Girl!** *Mentor, Feb 2016 to present*
 - Mentoring a student to develop an API for Quora user profile page.
- **Django Girls Workshop** *Coach, Feb 2016*
 - Each Django Girls event is a free, one-day workshop for 30-60 people about building their first application using HTML, CSS, Python and Django. I coached Django Girls Bangalore event organized by HackerEarth.
- **Learn IT Girl!** *Organizing Committee Member, Feb 2016 to present*
 - "Learn IT, Girl!" is an international mentorship program, which helps woman accepted as a scholar to learn a new programming language guided by a mentor. I'm in the organizing committee and working on making the second edition bigger and better.
- **Google Code In, Sysers Volunteer Management System** *Mentor, Dec 2015 to Feb 2016*
 - Mentored students participating in Google Code In, for Sysers Organization projects.
- **Django Girls Workshop** *Coach, 2014*
 - Coached Django Girls Pune event organized by RedHat Pune.
- **Google Summer of Code, Sysers Volunteer Management System** *Mentor, May 2015 to Aug 2015*

– Mentored Systems Google Summer of Code Students.

- **PyLadies Remote** *Instructor, Aug 2015*
 - Took a class on Introduction to Scraping and Scrapy organized by PyLadies Remote.
- **Grace Hopper Celebration India (GHCI) 2015** *Committee Member, June 2015 to Dec 2015*
 - As a Grace Hopper Celebration India (GHCI) 2015 Committee Member for the Hackathon Track, I worked with my respective Committee Chairs in strategizing, planning, reviewing and end-to-end implementation of my Track.
- **Grace Hopper Celebration 2015** *Scholarship Application Committee Member, April 2015 to May 2015*
 - Reviewed scholarships application for Grace Hopper Celebrations of Women in Computing 2015.

Skills

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

Achievements & Awards

- Systems Pass It On Award, Fall 2015 Winner.
- Invited as a speaker at major conferences like DjangoCon Europe15 (Fully funded), PyCon UK15, Open Source and Feelings15 (Partially Funded), Linux Con Europe15 (Fully Funded), SciPy Europe15, Latinity15, PyOhio15, FOSSCON15.
- Invited to attend Django Under The Hood15 (Only invite based) with a scholarship grant which fully covered travel to the Netherlands, lodging in Amsterdam and a ticket to the conference.
- Gold Medal Winner in Badminton in annual sports meet of Guru Gobind Singh Indraprastha University, 2010.
- Student Talent Award, Hindi Academy, 2008.

Projects

- **Nearby NGOs Finder** *2015*
 - Web app for Location based NGO search. (Django, Bootstrap CSS)
- **PyQTopic** *2014*
 - Package to fetch Topics related data from Quora, hosted on Python Package Index with 200+ monthly downloads. (Python)
- **Horoscope API** *2014*
 - A PI to get horoscope related information. Hosted on HerokuApp, based on a package which is hosted on Python Package Index having 600+ monthly downloads. (Python, Flask)
- **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)
- **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 WISEKAR. 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)
- **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, C Graphics Library)