

## Education

Institution	Degree	Percentage/GPA
<b>PES Institute of Technology (PESIT)</b> Bangalore [2014]	<b>Bachelor of Engineering in Computer Science</b>	9.26
<b>Frank Anthony Public School (FAPS)</b> Bangalore [2010]	<b>Grade 12 : ISC</b>	89.1%
<b>Delhi Public School (DPS)</b> Dharan, Nepal [2008]	<b>Grade 10 : CBSE</b>	85.5%

## Work Experience

<b>Goldman Sachs Group, Inc.</b> Bangalore, India June '14 - Present	<b>Technical Analyst, Legal Compliance and Audit Tech (LCA Tech)</b> <ul style="list-style-type: none"><li>- A Reconciliation tool with search features for comparing database tables and displaying it on a Web UI which can scale up to 1 million rows.</li><li>- A Workflow tool (based on BPM) which is used by various business units in Goldman Sachs.</li><li>- A Role Management System which is used in house, to manage titles, assignment of action items and other internal purposes.</li></ul>
<b>McAfee Inc.</b> Bangalore, India Jan '14 – May '14	<b>Software Engineer Intern, Group Shields</b> <p>An extension named McAfee Security for Microsoft Exchange (MSME) for ePolicy Orchestrator (ePO). ePO is a centralized system to push policies including MSME, across various nodes in the system.</p>
<b>Intuit Inc.</b> Bangalore, India June '13 - July '13	<b>Software Engineer Intern, Accounting Professionals Division</b> <ul style="list-style-type: none"><li>- Proof of Concept for an Android Application which consolidates various tax related applications into a single host application and provides customizable screen layouts and seamless interaction between the smaller applications within it.</li><li>- Intuit's Tax Online application (an iOS application) which helps the users to interact with their CPA and get tax related information.</li></ul>
<b>Frappant Technologies Pvt. Ltd.</b> Bangalore, India June '12 - July '12	<b>Software Engineer Intern</b> <p>A travel portal, which provides a one stop solution for making a complete itinerary which includes hotel, cab, sightseeing and airline booking.</p>

## Selected Projects

**Real time Handwritten Content Collaboration** **Jan '14 - May 14'**  
A collaboration system built on top of camera-projector set up which allows handwritten or physical objects to be virtually transmitted to all participants. Mobile support is also provided. It is aimed at providing a more intuitive collaboration experience and is particularly useful for distant education, multinational companies with diverse offices etc. Java was used as primary language and OpenCV for image processing.

**Stateful NAT64** **July '13 - Nov '13'**  
Convert Tayga, a open source C-language based statless NAT64 software, to a stateful NAT64. It improves upon the current stateless implementation which is a 1:1 mapping of IPv6 to IPv4 address to a N:1 mapping, allowing multiple IPv6 clients map to a single IPv4 address. **Blog** - <http://codexaost.blogspot.in/>

**Systems and Algorithms** **July '13 - Nov '13**

- Implementation of a number of Supervised and Unsupervised learning algorithms in Data Mining like the k-means algorithm, support vector machines and neural networks as well as the analysis of several case studies using Weka.
- A bus route finder application which helps to find shortest distance between bus stations and direct routes in Bangalore
- Lossless data compression of text files.

## Knowledge Web

Feb '13 - April '13

A project inspired by crowd sourcing, which aims to collect information from users about any topic in the form of tags, attributes and relation to other things in the system and represent it in a graph UI. Further the system to have computable knowledge which can answer query from the people and by the people. LAMP stack was used to deploy this project.

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## Virtual Classroom

Feb '13 - April '13

Enabling distance learning through a live session between a tutor and a set of students with support for teaching aids like presentations, documents and a chat capability to resolve queries. It uses the latest WebRTC protocols for real time communication. Lead a team of 13 people with different technical expertise to accomplish it.

## Other Activities

- **Best mobile application** themed “Hacking for Democracy” (to aid in the Indian General Elections) for a real-time sentiment analysis of Twitter feeds to obtain statistics reflecting the mood of the nation built in a hackathon held at **Microsoft R&D, Bangalore.**
- Completed an additional certified course in *Advanced Operating Systems* under Prof. Prashanth Shenoy of the *University of Massachusetts, Amherst.*
- Organized a Design and Innovation workshop held at PESIT in collaboration with the Massachusetts Institute of Technology (*MIT Media Labs '13*)
- Organized a science fest called SEQUITAR at PESIT in freshman year.
- Runners up in MODEL UNITED NATIONS conducted at inter-school level in DPS, Dharan.
- Active volunteer on many social fronts like tree plantation initiative in Bangalore by McAfee, River cleaning initiative in New York by Goldman Sachs and also in many initiatives at college level.

## Personal Details

- Date of Birth : 20/01/1992
- Nationality : Indian
- Languages known : English, Hindi, Nepali