

Education

New Delhi, IN	Delhi Technological University	2013 - 2017
<ul style="list-style-type: none">B. Tech in Software Engineering; CPI – 69.5% (4 semesters)		
New Delhi, IN	D.L.D.A.V. Model School, Delhi	2001 - 2013
<ul style="list-style-type: none">CBSE AISSCE (2013) - Aggregate: 94.4%CBSE AISSE (2011) - CGPA: 10.0		

Languages and Technologies

- **Platforms:** Linux , Microsoft Windows, Android
- **Programming Languages:** C, C++, Java, Python (Proficient); JavaScript, Scala (Familiar)
- **Libraries and Frameworks:** Android SDK, AngularJS, OpenCL, OpenCV
- **Tools:** Android Studio, IntelliJ Idea

Technical Experience

- [**Xebia IT Architects India Pvt. Ltd.**](#) *(December 2015 - January 2016)*
 - Underwent technical training at Xebia India, completed project on Natural Language Processing.
 - [**Perry**](#)
 - Implemented a sentiment analysis tool to detect level sarcasm in tweets on scale of 0 to 4.
 - Achieved 40-50% accuracy with different supervised machine learning classifiers. ([View Results](#))
- [**Dex**](#) *(2015)*
 - Developed hand recognition tool that detects users' hand gestures to control interaction with Google Chrome.
 - Achieved about 70% accuracy in gesture detection with empirical algorithm.
- [**Amethyst Labs Pvt. Ltd.**](#) *(2014 - present)*
 - Co-Founded Software startup 'Amethyst Labs'.
 - **Grid: Wireless network of smart-phones**
 - Developed a [plugin framework](#) for Android to allow development of applications that utilize the Grid network.
 - Designed and developed Grid android user interface.
 - Designed algorithms for Grid network formation and stabilization.
 - **Aether: Content distribution service for Grid**
 - Designed and developed the algorithm for a decentralized information distribution system.
 - Developed android application for Aether with native content rendering.

○ *Open Source*

• [**Mozilla**](#)

(2015 - present)

- Developed add-ons for Mozilla Firefox:
 1. [**Blink**](#) New-Tab replacement to bring news feed from Feedly to user's New Tab page
 2. [**Owl**](#) Changes theme of webpages to make online reading comfortable.
 3. [**Spoiler Jedi**](#) Detects and blocks spoilers for movie Star Wars: Episode VII
- Volunteer Mozilla Add-ons Reviewer, reviewed 55 add-ons (and counting)

• [**Haiku, Inc.**](#)

(2014)

- Bug fixes and UI enhancements for window colors and status bar.
- Implemented UI enhancement (Contents tab) for HaikuDepot, Haiku's software center.