

Education

New Delhi, IN	Delhi Technological University	2013 - 2017
<ul style="list-style-type: none">B. Tech. in Software Engineering; CPI – 76.04% (Distinction)		
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
- Languages & Technologies:** C++, Java, Python, JavaScript, Go, HTML5+CSS3
- Libraries & Frameworks:** Kafka, ElasticSearch (ELK stack), scikit-learn, MySQL, OpenCV
- Tools:** Microsoft Visual Studio, IntelliJ Idea, Git

Technical Experience

- [Samsung R&D Institute, Delhi](#) **Software Developer** (Jul 2017 - present)
 - Developed big data solution for server log management and analytics with Elastic stack
 - Deployed and maintained Kafka-ELK cluster, performed data analytics to gain statistical insights
- [Legal Raasta Technologies Pvt. Ltd.](#) **Intern** (Jun 2016 - Sep 2016)
 - Led design and development of e-TDS filing portal [TaxRaahi-TDS](#)
 - Developed website frontend, database, scripts for interfacing government portals; handled deployment and maintenance.
- [Xebia IT Architects India Pvt. Ltd.](#) **Trainee** (Dec 2015 - Jan 2016)
 - Implemented [sentiment analysis tool](#) to detect level of sarcasm in tweets.
 - Achieved 65 - 71% accuracy with different supervised machine learning classifiers ([Results](#)).
 - Attended Hadoop developer training; familiarized with CDH, Hadoop ecosystem, HDFS, Sqoop, Impala, HIVE, Flume, Spark stack
- [Amethyst Labs Pvt. Ltd.](#) **Co-Founder** (Sep 2014 - May 2016)
 - Grid: Wireless network of smart-phones**
 - Designed algorithms for Grid network formation and stabilization, developed UI
 - Developed [Android plugin framework](#) to allow development extensions for Grid
- [Yelp Image Classification Challenge](#) **Developer**
 - Implemented multiple-instance-multiple-label learning algorithm for predicting labels for user-submitted images using CNN and SVM; achieved 82.24% accuracy, among top 20 scores

○ *Open Source*

([Github](#))

- [Git SCM](#): Ported parts of core utils to new API, bug fixes in documentation
- [Mozilla](#):
 - Developed and maintained multiple Firefox add-ons with over 5,500 users
 - Mozilla Add-ons Editor, code-reviewed 100+ add-ons to ensure user security and privacy.
- [Haiku OS](#): Bug fixes and UI enhancements windows interface and HaikuDepot Haiku's appstore.

○ *Publications*

- A. Kumar, S. Sharma, A. Sharma and S. Kashyap, "Performance analysis of keyword extraction algorithms assessing extractive text summarization," *2017 International Conference on Computer, Communications and Electronics (Comptelix)*, Jaipur, 2017, pp. 408-414.
URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8004004&isnumber=8003926>