

EDUCATION

Master of Computer Science | ARIZONA STATE UNIVERSITY

Fall 2016 - Expected May 2018

Relevant Courses : Foundations of Algorithms, Multimedia and Web Databases, Software Design.

Bachelor of Technology, Computer Science & Engineering | HBTI Kanpur

(GPA : 3.6) May 2013

LANGUAGES & TECHNOLOGIES

<u>Languages:</u>	JAVA, C, HTML, Python, JAVASCRIPT, XML, SQL, PIG
<u>Platforms and Frameworks:</u>	GIT, Maven, Perforce, Android SDK, HADOOP, HBASE, HIVE, BASH
<u>Software:</u>	MS Office Suite, IntelliJ, Eclipse, Adobe Photoshop, Windows, Linux and MAC OS

EMPLOYMENT

Software Developer

MOBILEUM

April 2015 – June 2016

Roaming Analytics (MAP-REDUCE | PIG | HADOOP | HIVE | OOZIE | HBASE)

- Implemented a functionality to determine the payment plan of a subscriber (prepaid/post-paid).
- Added a feature to determine the Roaming Pack of a subscriber for a particular trip in a particular country and created a new OOZIE task to automate the process.
- Helped to standardize the Quickbuild server (PM Ease) to effectively manage the build procedure.
- Determined the persona information, trip weekend information, travel stage and DND status for a subscriber.
- Created a generic range reader, that provides an abstract interface to read all the associated values with a particular range of primitives.

Software Engineer

SAMSUNG RESEARCH INSTITUTE

June 2013 – Feb 2015

Android Application Framework (ANDROID SDK | PERFORCE | OPENGROK | ECLIPSE ADT)

- Worked on Pen Window feature implemented in SAMSUNG flagship devices at HQ, South Korea.
- Remodelled the HELP GUI of the Multi-window feature in Samsung mobiles.
- Resolved and rectified critical issues related to the application framework module reported during the product development lifecycle in various smartphones, tablets and wearable devices.
- Boosted the performance of low end phones by tweaking app entry animations, checking for memory leaks and reducing the frame refresh rate.

Internships

FRESENIUS KABI : Developed an inventory management system for employee assets using SQL, Publisher and SHAREPOINT.

VELOCITY SOFTWARE SOLUTIONS : Created WordPress templates in Photoshop catering to the needs of the clients.

PROJECTS

- **EXCEL RECORD READER :** Created a map reduce input format that can read excel files using Hadoop.
Git Hub link: <http://bit.ly/1RVeVVT>
- **WEBSITE :** Developed and designed a website where I present clear and lucid solutions to some of the most intricate problems using SQL, JAVASCRIPT, WORDPRESS, HTML. Link : <http://www.studyalgorithms.com>
- **ANDROID APPLICATION :** Developed and designed an android application with over 40 thousand downloads for my project 'Study Algorithms'. Technologies used were OPENSIFT, ANDROID ADT and JAVA. Link : <http://bit.ly/1u6TXez>
- **PROFILE MANAGER :** A student database for colleges which works upon face recognition system. The project uses OpenCV API and the concept of Eigen faces to train, update and predict a face.

ADDITIONAL EXPERIENCE AND AWARDS

- Awarded the certificate of Excellence by Sally Jeong at Samsung HQ, South Korea for Multi-window project
- Won various awards in undergrad for programming and software designing events.
- Served as the Technical Head for a major event in undergrad and designed various posters, logos and magazine covers.