

## EDUCATION

<b>Arizona State University</b> <ul style="list-style-type: none"><li>• <b>Master in Computer Science, GPA: 3.63</b></li><li>• <b>Coursework:</b> Cloud Computing, Foundations of Algorithm, Software Security, Applied Cryptography, Mobile Computing, Information Assurance and Security, Distributed Database Systems, Fundamentals of Statistical Learning, Data Visualization</li></ul>	<b>Tempe, AZ</b>	<b>Aug 2016 – May 2018*</b>
<b>The LNMIIT</b> <ul style="list-style-type: none"><li>• <b>Bachelor of Technology, Computer Science</b></li></ul>	<b>Jaipur, India</b>	<b>July 2010 – May 2014</b>

## PROFESSIONAL EXPERIENCE

<b>Salesforce.com Developer</b> <ul style="list-style-type: none"><li>• Optimized page load time by 75% using lazy loading and Javascript Remoting for Visualforce page</li><li>• Prepared the documentation for best practices around development of Triggers, Batches, Test Classes using Apex</li></ul>	<b>Arizona State University</b>	<b>Aug 2017 -- Present</b>
<b>Software Developer Intern</b> <ul style="list-style-type: none"><li>• Developed Lightning Applications, Visualforce pages incorporating JavaScript, Aura Framework and Lightning Design</li><li>• Refactored TimeEntry framework to improve performance, prevent duplicates &amp; avoid recursion</li><li>• Collaborated with multiple offshore resources for various discovery and development related tasks</li><li>• Worked with Sales team to develop process, Data Model and Lightning components to bridge the gap between Sales team &amp; Delivery team by maintaining Project Scoping details for an Opportunity</li></ul>	<b>GSD Company, New York</b>	<b>May 2017 – Aug 2017</b>
<b>Software Development Engineer</b> <ul style="list-style-type: none"><li>• Led a team of 2 developers and built a dynamic and interactive Intranet portal on SFDC CRM</li><li>• Developed Salesforce integrations with 3rd-party APIs including Facebook, Twitter, Google Map APIs</li><li>• Reduced workload by 10% of PM team by automating report used for What-If analysis by integrating Google Sheets &amp; SFDC OAuth</li><li>• Acted as Project Management Coordinator to maintain Scope, Time and Budget for Fortune 500 projects and portfolio</li><li>• Authored 100 Apex classes, 30 Triggers, 20 Batches, 60 Visualforce pages for over 15 end to end projects using Hybrid Agile</li><li>• Developed Apex batch jobs, triggers, standard &amp; custom reports, REST APIs, Soap APIs, built pages &amp; optimized SOQL and SOSL queries for handling millions of data records on SFDC CRM</li></ul>	<b>Appirio, India</b>	<b>May 2014 – July 2016</b>

## LANGUAGES AND TECHNOLOGIES

- Java, C, Python, Apex, JavaScript, MongoDB, Salesforce.com, SOQL, SOSL, SQL, PostgreSQL, R, D3.js, Hadoop, MapReduce, Spark
- Node.js, HTML, CSS, jQuery, Bootstrap, AngularJS, Express.js, Git, AWS, MATLAB, Eclipse, Apache Tomcat, Aura, Lightning, Linux
- Smartsheet, Lucidchart, Google Sheet, Microsoft Excel, JIRA

## TECHNICAL EXPERIENCE

<b>Analysis of Geo-Spatial Big Data</b> <ul style="list-style-type: none"><li>• Created multiple Hadoop Clusters &amp; used Scala to parse 1.1 billion geo-spatial data to identify the fifty most statistically significant NYC Taxi dropoff locations using the Getis-Ord statistics</li></ul>	<b>Apache Spark, Hadoop, Ubuntu</b>	<b>Fall 2017</b>
<b>Image Recognition using 2DPCA and PCA</b> <ul style="list-style-type: none"><li>• Implemented 2DPCA to utilize 2D image matrices for feature extraction, also constructed image covariance matrix and derived eigenvectors for image feature extraction</li></ul>	<b>MATLAB, ATT Dataset, Yale Dataset</b>	<b>Fall 2017</b>
<b>Simulating Data Partitioning Approaches</b> <ul style="list-style-type: none"><li>• Simulated different horizontal fragmentation approaches (Range Partition and Round-Robin partition) on-top of an open source relational PostgreSQL DBMS</li></ul>	<b>Python, PostgreSQL, Ubuntu</b>	<b>Fall 2017</b>
<b>Twitter Stream Bot</b> <ul style="list-style-type: none"><li>• Developed a Twitter bot using NodeJS to stream live tweets based on key hashtags and dump into a local file for sentiment analysis</li></ul>	<b>MEAN(Node.js), REST, Bash, Heroku</b>	<b>Spring 2016</b>
<b>Smart Cloud Storage</b> <ul style="list-style-type: none"><li>• Conceptualized a RESTful strategy by utilizing NPM, NodeJS &amp; ExpressJS server to store large files as documents on distributed database system over NoSQL database using Sharding &amp; GridFS. Developed and deployed on Heroku, a web application to provide the basic accessibility features of a storage platform over cloud like User Session Management through PassportJS middleware, File Upload/Download, File Sharing, Deleting the File, etc</li></ul>	<b>MEAN(Node.js), OpenStack, REST</b>	<b>Fall 2016</b>
<b>Online Banking System</b> <ul style="list-style-type: none"><li>• Led Frontend team, developed and consumed REST Web Services using Java and Mustache.JS to prevent vulnerabilities such as SQL injection, XSS, exploiting cookies, Session Hijacking, etc. while implementing security requirements like HTTPS/TLS, One Time Password, device management and data encryption</li></ul>	<b>Java, MustacheJS, reCaptcha, AJAX</b>	<b>Fall 2016</b>