

## Education

<b>Master of Computer Science</b>	<b>  Arizona State University</b>	GPA 3.9/4	<b>May 2018</b>
• Related coursework: Distributed Database Systems, Distributed Software Development, Data Mining, Cloud Computing.			
<b>B. Tech in Computer Engineering</b>	<b>  College of Engineering Pune</b>	GPA 7.63/10	<b>May 2015</b>
• Related coursework: Data Structures & Algorithms, Operating Systems, Computer Networks, DBMS.			

## Skills

- **Proficient Languages & Skills:** Python, Java, AngularJS, JavaScript, C, HTML, CSS, Android, Node.js, AJAX, JSON, RESTful API.
- **Database & Tools:** MongoDB, PostgreSQL, Hadoop, Scala, Spark, AWS DyanmoDB, AWS Lambda, AWS EC2, AWS EMR, Google App Engine, Openstack, GitHub, Android Studio, Visual Studio, Visual Studio Code, WebStorm, PyCharm, MatLab, Wireshark.
- **Key Interests:** Web Development, Data Visualization, Big Data Analytics, Cloud Technologies, IoT, Machine Learning, NoSQL.

## Work Experience

<b>Amazon Echo Developer</b>	<b>  University Analytics &amp; Data Services Department (UTO)</b>	<b>February 2017 – Present</b>
• Researching and developing innovative Alexa skills for ASU, to carry out day to day tasks as well as solve large scale engineering problems with a voice- based interface. Gaining hands-on experience with different AWS micro-services.		
<b>Software Engineer</b>	<b>  Searce Inc. (Premier Partner of Google in India)</b>	<b>July 2015 – June 2016</b>
• Worked as full stack developer in a team focused on building a cloud-based people-care automation software, ' <a href="#">HappierWork</a> '. Developed <b>HappierHire</b> , an <b>Applicant Tracking System (ATS)</b> , an integral part of this software.		
• It lives with Gmail, ticks with Google calendar, reads Google drive, talks to Google hangouts, locates on Google maps and couples neatly with everything else Google! HappierWork provides paperless procedure along with smartanalytics!		
• Handled ' <a href="#">HappierHire</a> ', the ATS module, as its <u>owner</u> . This role involved designing, developing and maintaining the ATS module. Worked with <a href="#">AngularJS</a> , Python, JQuery, HTML, CSS, GitHub, Google App Engine.		

## Projects

<b>Elixir (Amazon Alexa Skill Set)</b>	<b>January 2017</b>
• Elixir is a <u>voice enabled health assistant</u> . It aims at providing accurate medical diagnosis based patient's previous health records and medical diseases database. Accomplished in 2 days using <a href="#">Node.js</a> and AWS <a href="#">AVS</a> , <a href="#">Lambda</a> , <a href="#">DynamoDB</a> services.	
• Furthermore, it recommended a Doctor based on patient's location and relevance to the category of the disease.	
<b>Hadoop MapReduce on Private Cloud Environment</b>	<b>November 2016</b>
• Built a private isolated Hadoop cluster and implemented MapReduce Algorithms, written in Java, on it.	
• Deployed cluster on private cloud to accurately analyze and process large amount of data in very less time to get the desired results. Deployed and managed cloud infrastructure with <a href="#">OpenStack</a> as well as <a href="#">AWS</a> by consuming their EC2 & EMR services.	
<b>Human Activity Recognition using SVM</b>	<b>November 2016</b>
• Developed <a href="#">Android</a> app to identify human activity such as walking, running, and eating using smartphone's accelerometer.	
• Trained the <a href="#">SVM</a> model on collected data and classified the activity using trained SVM classifier with 75% accuracy.	
<b>Wireless Intrusion Detection System using Repudiation</b>	<b>May 2015</b>
• Increased Packet Delivery efficiency as well as reduced false positives. Developed a system that uses combination of flow based and packet based approaches along with reputation database.	
• Published the related research paper in IJRTE journal. Implemented in <a href="#">Python</a> and Analytics was performed with Wireshark.	
<b>Integration of Social Networking Sites</b>	<b>May 2014</b>
• This project was primarily aimed at developing a webpage which consolidated of all the posts from various networking sites like Facebook, Twitter, Google+ on one page and in a single view. Accomplished with <a href="#">Graph API</a> , <a href="#">Twitter API</a> , Php.	