

<b>ACADEMIC QUALIFICATIONS</b>	<p><b>1. Master of Science in Engineering, Computer and Information Sciences</b> <span style="float: right;"><b>May 2013</b></span> University of Pennsylvania, Philadelphia, Pennsylvania. CGPA: 3.49/4.00 Courses taken: Analysis of Algorithms, Software Engineering, Internet and Web Systems, Machine Learning, Database and Information Systems, Human Computer Interaction, Computer Architecture, Product Design.</p> <p><b>2. Bachelor of Technology, Major: Computer Science and Engineering</b> <span style="float: right;"><b>May 2011</b></span> Amrita School of Engineering, Coimbatore, India. CGPA: 8.25/10.0</p>
<b>TECHNICAL PROFICIENCIES</b>	Java/J2EE, HTML, CSS, JavaScript, JQuery, AngularJS, PHP - MySQL, JSP, Python(Django - mongoDB), MATLAB
<b>PROFESSIONAL EXPERIENCE</b>	<p><b>Member of Technical Staff, UI Platform, VMware</b> <span style="float: right;"><b>June 2013 to Present</b></span></p> <ul style="list-style-type: none"> <li>▪ Built UI using AngularJS for setting up and using an appliance which will be heavily used both internally and externally, by the customers.</li> </ul> <p><b>Technical lead(Intern), Invidio</b> <span style="float: right;"><b>May 2012 to Aug 2012</b></span></p> <ul style="list-style-type: none"> <li>▪ Helped build a tool which lets users purchase what they see in a video, from within the video. Also, as the technical lead, helped other interns solve problems from the technical front.</li> <li>▪ Built using HTML, CSS, JS, JQuery, Python(Django), mongoDB.</li> </ul> <p><b>Website Assistant, Van pelt Library, University of Pennsylvania</b> <span style="float: right;"><b>Sept 2011 to Oct 2011</b></span></p> <ul style="list-style-type: none"> <li>▪ Implemented a book locator which makes finding books in a library easier by showing the location of a specified book graphically, and performed routine maintenance work.</li> </ul> <p><b>Traceability Matrix Automation System - MindTree Internship</b> <span style="float: right;"><b>Sept 2009 to Nov 2009</b></span></p> <ul style="list-style-type: none"> <li>▪ Created a web platform for tracing requirements to the related software engineering documents created by the organization. Implemented using JSP, AJAX and Oracle 10g.</li> </ul> <p><b>Instructor</b></p> <ul style="list-style-type: none"> <li>▪ Conducted two 5-day workshops and helped students learn HTML/CSS, JavaScript, PHP-MySQL and gave an introduction to web hosting services.</li> </ul>
<b>RESEARCH / ACADEMIC PROJECTS</b>	<p><b>Yo Radio – Featured on TechCrunch - <a href="http://bit.ly/yoradiotc">http://bit.ly/yoradiotc</a></b> <span style="float: right;"><b>June 2014</b></span></p> <ul style="list-style-type: none"> <li>▪ Built a hack in less than 2 hours that bookmarks songs for later listening, just by sending a 'yo' to the radio playing the song.</li> <li>▪ <b>WINNERS –YO HACKATHON</b>, San Francisco.</li> </ul> <p><b>World Cup 2014 App – Android <a href="http://bit.ly/wcplaystore">http://bit.ly/wcplaystore</a>   iOS <a href="http://bit.ly/wcappstore">http://bit.ly/wcappstore</a></b> <span style="float: right;"><b>June 2014</b></span></p> <ul style="list-style-type: none"> <li>▪ Built Android and iOS app which provided real-time updates on goals, fixtures, results, standings and news of the World Cup football tournament held in Brazil in a clean manner.</li> </ul> <p><b>AirLeap - <a href="http://bit.ly/dronosaur">http://bit.ly/dronosaur</a></b> <span style="float: right;"><b>Sept 2013</b></span></p> <ul style="list-style-type: none"> <li>▪ Controlled a Parrot AR Drone quadcopter using hand gestures. Used LeapJS.</li> <li>▪ <b>GRAND PRIZE WINNERS - YAHOO HACK 2013.</b></li> </ul> <p><b>nerFPS - <a href="http://bit.ly/nerfps13">http://bit.ly/nerfps13</a></b> <span style="float: right;"><b>Feb 2013</b></span></p> <ul style="list-style-type: none"> <li>▪ Built a console which lets users play First Person Shooter games with a nerf gun and pedals for movement. <b>RUNNERS UP - PENNHACKS 2013</b>, University of Pennsylvania.</li> <li>▪ Developed using Leap motion, Arduino and XBee wireless interface. Implemented using Java.</li> </ul> <p><b>iAccess - Web Navigation for the visually challenged - <a href="http://bit.ly/iAccess">http://bit.ly/iAccess</a></b> <span style="float: right;"><b>Jul 2012 to Aug 2012</b></span></p> <ul style="list-style-type: none"> <li>▪ Developed a plug-in which can read aloud and make an HTML 5 webpage navigable using just 4 keys.</li> <li>▪ Also incorporated voice commands. Objective was to make the tool easy to learn and use. Used JQuery.</li> </ul> <p><b>Project Hitchhiker - Search Engine - <a href="http://lifeuniverseandeverything.in/hh">http://lifeuniverseandeverything.in/hh</a></b> <span style="float: right;"><b>Apr 2012 to May 2012</b></span></p> <ul style="list-style-type: none"> <li>▪ Implemented a scalable distributed crawler that runs on Amazon EC2 instances and uses FreePastry for coordination.</li> <li>▪ Contained an indexer and a PageRank engine that is based on Elastic MapReduce.</li> <li>▪ Developed a web frontend with features such as spell check, page previews, "safe search" option to filter out explicit results, and a special search for the visually challenged, which enables the user to control the search entirely with spoken commands. Built using HTML, CSS, JS, JQuery, PHP-MySQL and AJAX.</li> <li>▪ <b>GOOGLE AWARD – BEST SEARCH ENGINE PROJECT</b></li> </ul> <p><b>Android Controlled Car - <a href="http://bit.ly/androidCar">http://bit.ly/androidCar</a></b> <span style="float: right;"><b>Apr 2012 to May 2012</b></span></p> <ul style="list-style-type: none"> <li>▪ Built a car which can be controlled wirelessly using Bluetooth via an Android Phone.</li> <li>▪ Has the following Features: Accelerometer control, Button control, Speed control, trace back and Obstacle detection using Proximity Sensor.</li> </ul> <p><b>Customizable keyboardless keyboard</b> <span style="float: right;"><b>Oct 2010 to May 2011</b></span></p> <ul style="list-style-type: none"> <li>▪ Developed a system which lets users to draw/print their own layouts and use them as keyboards.</li> <li>▪ Awarded the '<b>TATA CONSULTANCY SERVICES - BEST STUDENT PROJECT AWARD</b>'. July 2011.</li> <li>▪ Awarded '<b>BEST STUDENT PROJECT POSTER AWARD</b>' at the ACM International meet, Oct 2010.</li> </ul>