

## EDUCATION

<b>Los Angeles, CA</b>	<b>University of Southern California</b>	<b>August 2015 – May 2017</b>
<ul style="list-style-type: none"> <li>Master of Science in Computer Science.</li> <li>Graduate Coursework: (Fall 2015) - Analysis of Algorithms, Web Technologies, Professional Writing and Communication for Computer Scientists. (Spring 2016) – Operating Systems, Database Systems.</li> </ul>		
<b>Chennai, India</b>	<b>SRM University</b>	<b>August 2009 – May 2013</b>
<ul style="list-style-type: none"> <li>Bachelor of Technology in Computer Science &amp; Engineering. <b>CGPA : 9.03/10</b></li> </ul>		

## TECHNICAL SKILLS

Languages :	C, C++, Java, Servlets, JSP, JavaScript, jQuery, ExtJs, HTML, CSS, XML, PHP, Visual Basic
Frameworks :	Spring, Spring MVC, Spring Security, Hibernate, JXLS
Databases :	Oracle, MySQL, MS Access, Microsoft SQL
Operating Systems :	Windows, Mac, Unix, Linux
Tools :	Eclipse IDE, Touchlib, Maven, Git, CVS, Tortoise SVN,

## WORK EXPERIENCE

<b>Software Engineer</b>	<b>Cybage Software Pvt Ltd</b>	<b>July 2013 – July 2015</b>
<ul style="list-style-type: none"> <li><i>Customized and developed</i> Web applications used by both external business customers and the Business Intelligence teams of Travel and Hospitality Management System using <b>Java, J2EE</b> and integrated the same with <b>Spring, Hibernate</b> and <b>JXLS</b> Frameworks.</li> <li><b>Co-led</b> a team of 9 members to develop and implement a new feedback system for user concerns, bugs, and defect tracking which resulted in lowering the number of defects by <b>30%</b> and bolstered the overall management of technical issues.</li> <li><i>Revamped</i> Web Application Security for Client's Reservation Solutions System by using <b>Spring Security</b> Framework thereby ameliorating the authentication and authorization process.</li> <li><i>Co-ordinated</i> with clients for requirement gathering, finalizing technical specifications, implementing change requests, Sprint Planning, Story Point estimation etc. by adhering to <b>Scrum</b> Methodology.</li> </ul>		
<b>Intern</b>	<b>Texas Instruments</b>	<b>May 2012 - July 2012</b>
<ul style="list-style-type: none"> <li><i>Designed and programmed</i> an interactive application using <b>LUA scripting</b> and created <i>simulations</i> along with 3D graphics in form of .tns documents which could be effectively used in <i>TI-Npsire calculators</i> for teaching purposes.</li> </ul>		

## PROJECTS

### Low Cost Interactive Multi-Touch Table Integrated with RFID Technology for Hotels

- Designed, constructed and developed* our own **camera** based *Multi-touch table* for use at Hotels to enhance the customer's dining experience and to provide an enjoyable and user friendly interface thereby reducing human effort and time.

### PUBLICATIONS

This research work was published and acclaimed in more than **eight** prominent **International Journals/Publications** and **International Conferences**, a few of them being [International Journal of Engineering Research and Application \(IJERA\)](#), [SEEK Digital Library](#), [IOSR Journal of Engineering](#), ELSEVIER.

It was also adjudicated as the '**Best Research Project**' at 3<sup>rd</sup> International Project Competition and Exhibition, Chennai.

### Facility Information Access Protocol for Data Centric Building Automation System, SRM NEC JAPAN Research Collaborative Centre

- Re-engineered* the protocol by implementing incremental installation for wide varieties of applications and contributed in *optimizing* the source code of the project by lightweight implementation using **Java, Spring MVC, Servlets and JSP's**.

## LEADERSHIP

<b>Mentor</b>	<b>Action Aid &amp; Cybage Asha (NGOs)</b>	<b>2013 - 2015</b>
<ul style="list-style-type: none"> <li>Provided individual and group <i>counselling</i> to adolescents and adults battling various addictions, stress management and conflicting family demand issues.</li> </ul>		
<b>Event Organizer and Head</b>	<b>SRM University</b>	<b>2011 - 2013</b>
<ul style="list-style-type: none"> <li><i>Conceptualized, planned and directed</i> technical and cultural events by coordinating with a team of more than 100 members to manage various levels of event operations like logistics, contracting, pricing, transportation, accommodations etc.</li> </ul>		