

## SRIVATSA RAO

### EDUCATION

<b>M.S. in Management Information Systems</b>	<b>Texas A&amp;M University</b>	May 2017
<b>B.E. in Computer Science and Engineering, Distinction</b>	<b>Anna University, India</b>	May 2010

### PROGRAMMING LANGUAGES AND TECHNOLOGIES

- Languages:** PHP, Python, Java, JavaScript
- Databases:** MySQL, Oracle, MongoDB, SQL Server 2012 (SSIS, SSAS, SSRS), SQLite
- Tools/ Others:** Drupal 7, Git, JMeter, Smarty, Gulp, Bower
- Web development:** jQuery, HTML5, CSS3, SASS, Bootstrap, Flask, Angular 2, XML, SOAP, Node.js, Express
- Distributed Frameworks:** Hadoop
- Analytics:** Piwik, Google Analytics, Tableau

### EMPLOYMENT

- Hughes Network Systems** | Intern Germantown, Maryland  
Network Management Portal | Technologies: Drupal, d3.js, geoJSON, PHP, jQuery June 2016 – August 2016
- Improved efficiency of Network Management Portal by reducing load times and providing better search results for users using PHP & jQuery; load times were reduced by 50%
  - Developed a customizable network status widget using Drupal and jQuery & refined search filter displaying accurate set of providers based on customer and status selected; reduced manual effort by 90%
- Cognizant Technology Solutions** | Associate Chennai, India  
Club Mahindra Holidays | Technologies: PHP, Drupal, MySQL, Smarty, JMeter, jQuery May 2011 – February 2015
- Revamped and enhanced user experience of e-commerce website by implementing a PHP custom framework, search optimization and content management (Drupal); drove annual revenues by 10% and consumer acquisition increased by 90%
  - Designed and improved holiday reservation interface across all portals augmenting website penetration by 60%
  - Boosted Net promoter score (NPS) by 40% by reducing load time of web pages and improved overall user experience
- Cognizant Technology Solutions** | Program Analyst Chennai, India  
Sri Sai Baba Sansthan | Technologies: Oracle, Java, Struts 1.2, BIRT, Konakart January 2011 – May 2011
- Created online book shop based on KonaKart Java e-commerce engine & Struts Framework enabling customers to purchase over 100 spiritual books via online portal
  - Created & presented detailed reports for inventory management incorporating BIRT tool to improve module efficiency; delivered consolidated reports to business stakeholders

### PROJECTS

- Tennis Prediction System** | Technologies: MongoDB, Java, HTML, CSS, JavaScript
- Generated distributed database in MongoDB spanning 10GB of tennis betting data. Implemented using Java as a data access layer, JSON for data communication and jQuery for data validation
- HandyCart** | Technologies: Python, Flask, HTML5, Bootstrap, jQuery, AWS, SQLite
- A subscription-based ecommerce website designed using HTML5, Bootstrap and jQuery. Back-end implementation using Flask and database access using SQLite
- Flash Card App** | Technologies: Angular 2, Bootstrap, HTML5, CSS (*In progress*)
- Developed a flash card app using Angular 2 and designed with HTML & Bootstrap/ CSS

### LEADERSHIP & ACHIEVEMENTS

- Spearheaded “Fun and Facts” weekly sessions where team members shared technological facts and displayed talents
- Mentored juniors and continued domain knowledge transfer through hands on training and one on one sessions
- Hats Off Award** for generating key reports which helped client marketing division increase sales by 85%