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SRIVATSA RAO

EDUCATION

M.S. in Management Information Systems	**Texas A&M University**	May 2017
B.E. in Computer Science and Engineering, Distinction	**Anna University**, India	May 2010

PROGRAMMING LANGUAGES AND TECHNOLOGIES

- **Languages:** PHP, Python, Java
- **Web development:** JavaScript, jQuery, HTML5, CSS(Bootstrap), Flask, Angular 2
- **Databases**: MySQL, Oracle, MongoDB, SQL Server 2012 (SSIS, SSAS, SSRS), SQLite
- **Distributed Frameworks:** Hadoop
- **Tools:** Drupal 7, Git, JMeter, Smarty
- **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 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%