

SRIVATSA RAO

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

Dominick's Fine Foods – Data warehouse design | Technologies: *SQL Server (SSIS, SSRS, SSAS), Visio, MS Excel, Tableau*

- Analyzed large data from different stores, performed ETL tasks on data and created data marts to arrive at a functional data warehouse
- Generated reports and graphs using SSRS and ReportBuilder
- Created pivot tables using Excel and analytical graphs using Tableau to answer relevant business questions

HandyCart | Technologies: *Python, Flask, HTML, Bootstrap, jQuery, Heroku, 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, HTML, CSS, Bootstrap*

- Developed a flash card app using Angular 2 and designed with HTML & Bootstrap/ CSS

Weather App | Technologies: *Node.js, Express, Axios, Handlebars, HTML, CSS*

- Fetching weather details from given map information using Google Geolocation API and Dark Sky API

Games library using ElasticSearch | Technologies: *PHP, CodeIgniter, ElasticSearch, HTML, CSS*

- Add & search games information using ElasticSearch. Games filtered based on title, developer or genre
- CodeIgniter (PHP MVC framework), HTML and CSS used as foundation for this project

EMPLOYMENT

Hughes Network Systems | Intern

Germantown, Maryland

Technologies: *Drupal, d3.js, geoJSON, PHP, jQuery*

June 2016 – August 2016

- Worked with a team, building a customer-facing Network Management portal which shows data usage and working status of Hughes devices throughout the U.S.
- 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%
- Refined search filter displaying accurate set of providers based on customer, status selected and geographical data for all 50 U.S. states
- Streamlined and effectively corrected migration scripts to maintain synchronized sets of data between mapping tables and target tables

Cognizant Technology Solutions | Associate

Chennai, India

Technologies: *Java, Struts 1.2, Oracle, BIRT, Konakart, PHP, Drupal, MySQL, JMeter*

Jul 2010 – Jun 2015

- Revamped e-commerce website using a PHP custom framework, SEO techniques and Drupal driving annual revenues by 10% and increasing consumer acquisition 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
- Maintained microsite for premium corporate members driving customer acceptance and registration by 95%
- Integrated Facebook login, Bill Desk payment gateway & Twitter feed with web portal using their respective API's
- Handled audit process, task assignment while consistently maintaining good project health score of above 80
- Analyzed website traffic and user logs using Google Analytics to present reports leading to optimized site design and increased user engagement

- . Automated report generation to stakeholders providing key metrics leading to faster error detection and better knowledge of customer trends useful for future features
- . Recommended SEO solutions to improve website page rank and visibility resulting in an 87% increase in user interest within the first month of changes
- . Created online book shop based on KonaKart Java e-commerce engine & Struts Framework
- . Generated detailed reports for inventory management using BIRT tool to improve module efficiency by 70%

LEADERSHIP

Cognizant Technology Solutions

Chennai, India

Associate

May 2011 – February 2015

- . Supervised a team of 10 testers in conducting performance testing of web portal & performed sanity testing of website using JMeter
- . Spearheaded “Fun and Facts” weekly sessions where team members shared knowledge on an upcoming technology
- . Mentored juniors and continued domain knowledge transfer through hands on training and one on one sessions
- . Proactively participated in creating business requirement documents and functional requirement documents aiding the business analysts

Texas A&M University

College Station, Texas

Graduate Student

April 2016 - January 2017

- . **‘Big Event’ organization:** Organized & coordinated work party in giving back to the community by helping clean resident homes
- . **Indian Graduate Students Association (IGSA):** Volunteered for various events as a support staff & provided help to incoming batches of students

PROGRAMMING LANGUAGES AND TECHNOLOGIES

Languages: PHP, JavaScript (ES2016), Python, Java, SQL, PL/SQL

Web Technologies: jQuery, HTML5, CSS3, SASS, Node.js, XML, JSON, SOAP, REST

Web Frameworks: Flask, CodeIgniter, Express, Bootstrap, Angular

Databases: MySQL, Oracle 10g, MongoDB, SQLite, SQL Server 2012 (SSIS, SSAS, SSRS)

Big Data skills: Hadoop, HBase, Map-Reduce, HDFS

Web servers: MS IIS, Apache XAMPP

Operating Systems: Windows, Linux

Analytics/ Reporting: Piwik, Google Analytics, Tableau, BIRT

Tools/ Others: Drupal 7, Git, JMeter, Smarty, Gulp, MS Office Suite (Excel, Word, PowerPoint), MS Visio, Webpack, Heroku

EDUCATION

M.S. in Management Information Systems, GPA: 3.4

Texas A&M University

May 2017

B.E. in Computer Science and Engineering, Distinction, GPA: 3.2

Anna University, India

May 2010