# Satyadeep Singh satyadeep1187@gmail.com • 571-620-8259

Albany, NY

# Professional Summary

* Over 8 + years of extensive experience in building applications using LAMP, WAMP, PHP, Drupal, Magento, WordPress.
* Good working experience in designing and implementing various applications in LAMP (Linux, Apache, MySQL, PHP) and WAMP (Windows, Apache, MySQL, PHP) environments for diverse domains like Government, Ecommerce and Education.
* Hands-on Software Development background including architecture, design, and implementation, with particular expertise in PHP, AJAX, JQuery, JavaScript, XML, web services and Java.
* Experienced in PHP5+, MySQL, OOPS, Design Patterns, HTML5, CSS and Responsive Design.
* Excellent experience in designing and developing interactive User Interfaces, usability, web and client / server applications using HTML5, CSS3, JavaScript and JQuery.
* Good understanding of SDLC, from requirements gathering to analysis, design, implementation, testing and deployment of the entire project.
* Strong experience in coding using SQL, PL/SQL Procedures/Functions, Cursors, Triggers and packages.
* Good knowledge on Oracle 10g, 11g.
* Good experience in working with Oracle, SQL Server and reporting tools Crystal Reports and business objects.
* Extensively executed SQL queries on Oracle using Toad and SQL Server tables to view successful transaction of data and to validate data.
* Good knowledge on Database Performance Tuning Techniques.
* Great ability to write clear, maintainable, well-documented, well-commented and efficient code.
* Experience creating new and extend existing operational documentation.
* Experienced with Test Driven Development and have used PHPUnit, SimpleTest and Codeception.
* AWS Certified Solutions Architect – Associate.

# Skills

Front End Languages: JQuery, CSS, HTML, JavaScript, XML, Ajax, JSON/Restful Services

Frameworks: LAMP, WAMP, PHP, Drupal, Magento, WordPress, Zend, Bootstrap.

Back End: Java, JavaScript, PHP, AJAX

Databases: SQL Server, MySQL, Oracle 10g, 11g, SQL and PL/SQL

Project Management: Git, SVN

Methodologies: Agile, Test Driven Development and Automated Testing

Other: Crystal Reports, Front-end testing, Cross-browser compatibility, Responsive design

# Work history

**NYS Office of Technology Services |** Schenectady, NY Oct 2017 – Present

**IT Specialist 2(PHP stack)**

Project: Charitable Gaming (https://cgo.gaming.ny.gov/)

Charitable Gaming occurs in the form of bingo, bell jar sales, the conduct of Las Vegas nights, and operation of raffles in each of the 62 counties of New York.

* Involved in constructing customer-facing sites as well as administrative sites for the Charitable Gaming. I am responsible for both front and back end development.
* Implemented my knowledge of PHP, HTML, CSS and JavaScript, using some of the best modern front-end frameworks such as Bootstrap while providing a responsive, AJAX-driven design using Jquery and Jquery UI.
* Developed Contact Fill Application using Drupal and installation and integration of the Application online.
* Identifying and solving issues caused by plugins or feeds under PHP, MYSQL, HTML, CSS, JavaScript and JQuery Technology.
* Modifying PHP, HTML, CSS, Java script, JQuery according to project requirements.
* Designed database using SQL Server 2005/2008 R2 with proper cardinality and responsible for writing complex queries and stored procedures.
* Worked on writing, tuning and reviewing the PL/SQL stored procedures, triggers and functions.
* Worked on testing, documentation and bug fixing.

**The College Of Saint Rose |** Albany, NY May 2016 – Sep 2017

**Web Developer Intern**

Project: Media Service Event Schedule Management System

The ITS department in the College uses the Media Service Event Schedule Management System to manage all the information about different events and setups happening in the college.

* Developed the web application which phased out the used Spiceworks Asset Management system.
* Used all aspects of MYSQL/PHP Programming (object oriented PHP), Zend Framework in LAMP environment.
* Participated in system analysis and data modeling, which included creating tables, views, indexes, synonyms, triggers, functions, procedures, cursors and packages.
* Writing, tuning and reviewing the PLSQL stored procedures, triggers and functions.
* Experienced in Business Requirements analysis, Application Design, Data Modeling, Coding, Development, Testing and implementation of business applications with RDBMS
* Wrote stored procedures, functions to manipulate and load the data into Oracle database.
* Prepared the SQL scripts for database migrations to DEV, QA, and Prod environments.
* Created functional specifications, conducted system analysis and design, developed interfaces with other application.
* Involved in development of applications branching and merging in SVN version control system.
* Created Master Pages for a common look and feel throughout the website.
* Based on User requirements created reports in designed Excel spreadsheet with pivot tables.
* Designed and Developed User Interactive (UI) of Web pages with the help of PHP, HTML, CSS, JavaScript, JQuery and AJAX.
* Developed extension to create PDF forms for manual application purposes using TCPFDF and FPDF PHP libraries.
* Handle system migration from Development, UAT and Production.
* Created test plans documents for user acceptance test.
* End user support and training of the application.

**Disside Design Studio |** Hyderabad, INDIA Jan 2011 – Aug 2015

**PHP Developer/Team Lead**

Disside is a leading design studio and digital services provider in India, with services ranging from website development, mobile applications, digital marketing and brand building.

Project: Client Asset Management System

* Implemented the project according to the Software Development Life Cycle (SDLC) and programming by using fast paced agile methodology, involving task completion, user stories, and iterations.
* Responsible for developing the reusable Components on UI (Views) by developing the Partial Views, View starts, and reusable components for implementing the business rules.
* Worked on MVC, Subversion, WordPress, and LAMP toolset.
* Use logic and creativity to decide how to create logical solutions with Magento / PHP / Javascript.
* Integrated Magento modules through PHP, JS, HTML and CSS.
* Involved in the development using JQuery and PHP and designed applications in AJAX with rich user interfaces.
* Built AJAX pages using PHP to display current server time
* Implemented MVC Architecture on client side and creating Models, Controllers and Views Scope using PHP coded frontend interface with CSS3, Bootstrap and HTML5.
* Develop data access component to call the store procedures, views and perform other data update, insert, delete operations.
* Worked with Oracle Supplied Packages ( DBMS\_SQL)
* Worked on Oracle performance related features such as Query Optimizer, Execution Plans and Indexes.
* Performed Performance Tuning for Oracle RDBMS using Explain Plan.
* Wrote stored procedures, functions to manipulate and load the data into Oracle database.
* Wrote stored procedures and functions based on business logic.
* Worked on SQL tools like TOAD to run SQL Queries to validate the data Utilized the TFS source control software to keep track of new and past versions of code written in my application.
* Designed and developed reports using Crystal Reports XI version.
* Developed cross tab reports, reports with sub-reports (linked and unlinked) and chart reports.
* Modified DB2 queries to accomplish the task.
* Created Reports using formula, Grouping, Parameters, Selection criteria.

**Kadempalli Technology Application Centre |** Hyderabad, INDIA Jul 2008 – Nov 2010

**Web Developer**

Project: Data Exchange and Distribution System

* Designed theme using HTML/XHTML, CSS.
* Used JavaScript to make interactive site. Responsible to handle frontend side of application to make it high performance, rich and user friendly.
* Post Trade Web Application built using HTML 5, Java Script, jQuery, JSON, AJAX.
* Responsible for creating admin automated tools which makes easy add, update, delete of content.
* Proficient in Object-oriented programming (OOPs) concepts. Ability to quickly learn and apply any new technologies.
* Used jQuery to traverse through a DOM tree and manipulated the nodes in the tree and also Implemented the Drag and Drop functionality using JQuery framework.
* Used AJAX for every page for dynamically displaying the data without a page refresh.
* Created a print and a save module and reused on every page as per the requirements to print the financial data and save it to excel and different formats.
* Imported and exported data from db2 terminal through linux server from one data base server to the other.
* Used SMTP mail class of PHP for the users to send mail with suggestions. Extensive use of PHPMailer class.
* Used the Model View controller (MVC) framework to build modular and maintainable applications.

# Education

* Masters Of Science In Computer Information Systems 2016-2017
* Bachelors Of Technology In Information Technology 2004-2009