Raneesh Sasankan

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EDUCATION

Bachelor of Computer Science from University of Kerala, India in 2010

PROFESSIONAL SUMMARY

- 11+ years of professional experience in software design, development and deployment using Java/J2EE, PHP, WordPress, Drupal and its associated technologies.
- Experience in SDLC (Software Development Life Cycle) that includes Requirements Analysis, Design, Coding, Testing, Implementation, Maintenance with methodologies like Waterfall Model and Agile Methodology.
- Experience in design and development of web-based applications using Java, JDBC, SQL, Servlets, JSTL, JSP, XML, Java-API and Spring.
- Experience in client-side Technologies such as HTML/HTML5, CSS/CSS3, JavaScript and jQuery, AJAX, JSON.
- Experience in implementing SOA (Service Oriented Architecture) using Web Services (SOAP, WSDL, and Restful) and REST Services.
- Experienced in solving issues in web browsers, following the W3C standards to maintain the website with defect free.
- Extensive experience in open-source java frameworks such as Hibernate, JavaScript and various Spring modules like MVC and Boot.
- Strong in writing complex SQL queries, stored procedures, user defined functions, triggers, views, constraints, indexes etc. in Oracle, Microsoft SQL Server.
- Working experience in Agile Methodology and waterfall model.
- Good working experience with Build Tools like ANT and Maven.
- Worked on Swagger API to auto-generate documentation for all REST resources.
- Expertise in Automating Applications using Jenkins Continuous Integration Tool.
- Experience in creating Docker Containers leveraging existing Linux Containers and AMI's in addition to creating Docker Containers from scratch
- Virtualized the servers using Docker for the test environments and dev-environments needs, also configuration automation using Docker containers.
- Versatile Team Player with good communication and problem-solving skills.

SKILLS SUMMARY

- Java, J2EE, Java Web services and Restful, JDBC, JSP, Custom Tags, JSTL, Servlets, PHP, JavaScript, jQuery, HTML, CSS, Bootstrap, JSON, XML
- Databases Oracle 10g, MySQL
- Frameworks/API's JPA, Hibernate
- Version Controlling tools SVN and GIT
- Frameworks Spring, Hibernate
- Methodologies Agile, Waterfall, Scrum
- Web Services SOAP, REST
- Project Management
- Effort estimation
- Critical thinking
- Scheduling
- Web development projects
- Programming languages
- Test plan & Test Strategy
- Client interaction
- Cost Control
- Problem solving
- Software best practices
- Requirement Analysis
- Defect / Bug Tracking
- Risk assessment and Migration
- Use case preparation
- Website optimization

EMPLOYMENT EXPERIENCE
Service New Brunswick
Duration : JAN 2018 – Till date
Role : Java Developer/Technical Analyst
Project : Business Registry, Property Assessment
Technology : JAVA, JSP, .NET, oracle, MS-SQL Server, Spring, Hibernate, Maven, Ant, Jenkins
Tools Used : **HP ALM**, **Azure, Tortoise SVN, iReport, Eclipse**

- Involved in various phases of Software Development Life Cycle (SDLC), including requirement gathering, modeling, analysis, architecture design, prototyping, developing and testing.
- Involved in business requirement review meeting.
- Participated in regular meetings with upper management to communicate accomplishments, plans and issues as well as any risks to the project's progress.
- Involved in requirements review, DEV design sessions to understand the functionality and business flow of the project.
- Collect and summarized information in preparation of creating and submitting status reports.
- Defined, implemented and monitoring key performance indicators and service level objectives.
- Interacted with BA to understand the requirements.
- Involved in daily status meeting, defect review meeting.
- Created new REST web service operations and modified the existing web service's WADLs Web Application Description Language
- Participated in code review and peer review meetings for the design docs.
- Developed and debugged the application using Eclipse IDE.
- Used ANT as build tool and developed build file for compiling the code of creating WAR files.
- Create various complex reports using Crystal Reports
- Create Jasper Reports using iReport Designer/iReport

AirVM
Duration : JUL 2016 – DEC 2017
Role : Software Developer
Project : AirSembly
Technology : PHP, Docker, MySQL, guzzlehttp, CodeIgniter, RabbitMQ, Swagger, Liquibase
Tools Used : MySQL Workbench, Git, JIRA, PhpStorm

- Developed multi-user applications within a (SOA) service-oriented architecture in order to allow users to combine and reuse them in the production of application and increase in Organizational flexibility
- Generated Business Requirement Documents (BRD), Functional Specification Design documents (FSD) and Functional Requirement Documents (FRD)
- Created an Application Program Interface (API) at very early in the software development and use it to interact with for Subsystem Integration, it is a set of clearly defined methods of communication between various software components.
- Consulted with clients providing mockup images, samples, frameworks and SOW as per specification.
- Captured requirements for design and development of SharePoint sites.
- Drove best practice implementation across multiple modules. Decreased rework by 25% and costs by 15%
- Improve efficiency by reconstructing architecture from data centric model to service-oriented architecture. Services are initiated using Docker technology. Using this approach, it reduced the deployment time to production by restricting the code view only to the development and staging environment
- Extensively utilized Github for version control in an agile development environment

- Responsible for server-side development, server provisioning, database development, and front-end development
- Responsible for production, testing, and staging environments
- Responded to and diagnose unexpected production issues and run-time behavior and fixed the issues with least turnaround time, critical defects are responded and fixed within an hour.
- Received formal Agile and SCRUM training
- Contributed to all phases of the development lifecycle
- Created End-to-End scenarios that covers all the integration points and sub systems to emulate the full user journey. This helped to achieve the full user journey in early development cycle and identify issues at early stages.

BiTAL Software
Duration : AUG 2013 – MAR 2016
Role : Software Developer
Project : Cell My Car
Technology : HTML, CSS, JavaScript, PHP, MySQL, Git
Tools Used : PhpStorm, MySQL Workbench, Git

- Managed all stages of Web site creations for clientele, from initial design and architecture to development, deployment, and management of Web sites, completed a total of 6 projects for 4 clients, having more than 200 users per client
- Led a team in an agile / scrum environment, where I was a key contributor to the grooming, planning, and execution of projects within predictable deadlines.
- Created databases utilizing PHP, JavaScript and MySQL that streamlined car sales operations from creating, assigning, and tracking sales, offering a paperless solution, increasing customer satisfaction by 60%
- Developed Report querying using SQL, including the production of new features in end user products to automate reporting.
- Redesigned existing website to improve user experience and incorporated SEO techniques thereby increasing daily traffic by 30%
- Oversaw the conversion of our analytics framework from .NET/MSSQL to PHP/MYSQL/Linux solution adding multi-tier performance and reducing costs.
- Oversaw scheduling of project milestones and coordinated with clients on any proposed changes or challenges to be overcome.
- Advised business users on options, risks and costs, recommended business priorities, and documented and assessed business requirements to service operation.
- Created a highly customizable workflow modules that can be used by the customers to define the workflow based on the user requirement
- Developed the responsive design front end modules that worked in browsers and mobile devices of multiple screen resolutions.
- Supported pilot users and UAT testers on site.
- Conducted on site client training, and reoccurring knowledge transfer sessions.
- Migrated data from pseudo production to actual production, this has helped to avoid the data loss and able to verify the data stored.
- Responsible for deploying team's code from sandbox to testing and QA environments.
- Took initiative to smoothen the business communication by creating a survey opportunity and invited clients to provide feedback after service.
- Performed "smoke testing" to provide system component coverage testing and promote robust operations.

Company	: Inn-Opt Info Solutions
Duration	: APR 2009 – AUG 2013
Role	: Software Developer
Project	: Hospital Management System, Crew Management
Technology	: Flex 3.0, J2EE, Oracle 10g
Tools Used	: StarUML, Flex Builder, Eclipse, Toad

- Conducted several walkthrough meetings to gather and create Business Requirement Document (BRD) for video conferencing implementation.
- Responsible for Data integration, workflow design, Software development, configuration, customization, On-Site and Post implementation support
- Designed use case diagram, class diagram and sequence diagram using StarUML
- Prioritized and fixed site-related design problems and took the initiative to implement new features based on feedback from users.
- Web page development from design to test and up to production deployment.
- Designed standard reports and custom reports with advanced filtering options which helped the clients to understand the reports using a variety of graphics and animations.
- Developed interface to view the schedule of the doctors in clear and simple view using animations and graphics.
- Conducted tests and perform security and quality controls prior to handover to clients.
- Oversaw scheduling of project milestones and coordinated with project members on any proposed changes or challenges to be overcome.
- Debugged application issues in all environments including production.
- Functioned as single point of contact between the client, development, testing and support teams.
- Created shell scripts and PL/SQL scripts that were executed daily to refresh data feeds from multiple systems.
- Created email application client to send IMAP email to the doctors to keep them posted on the updated against each user role. This helped the users to get regular updates on the application.

CO-OP Project
Smart Examiner
Technology: ASP.NET, MYSQL
Duration: DEC 2008 to MAY 2009
- Designed and developed Web Application in ASP.NET/MSSQL 2000
- Involved in the Requirement gathering
- Designing, development and deployment of various internal and external functions
- Fixed bugs reported by in-house testing team.
- Provided technical training to the end users.