SAI AKASH JEEDIGUNTA

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Web Developer   (361) 355-6240

As a web developer with around 7 years of experience, I have been progressing towards the new technologies, understanding the challenges and learning through all the aspects of an organization. I do possess impeccable communication and interpersonal skills.

WORK HISTORY

Merck Research Labs

MAY-2016 – Till Date

SOFTWARE ENGINEER - SCIENTIFIC SOLUTIONS

− Working on multiple internal applications, builing modules as per business requests
− UI design and develop major applications like Target Opinion App and Genetics web applications to analyze Human genetic data around any given Gene, Variant or Phenotype for Merck scientists.
− Being a team player and also individual contributor by owning the application and taking new changes from the business as a part of change management perspective.
− Making scrum decisions for the application release iterations.
− Defining story complexity and estimating finish dates for assigned tasks.
− Working and assigning tasks for peers and newcomers to the project.
− Implementing different frameworks like Aurelia.io, Angular.js as needed per the project complexity
− Worked on React.js for the latest project creating dashboards that monitor Data load progress alongside using React-router, React-bootstrap, react lifecycle and HOC components.
− Npm and jspm as the package managers for front ends tools
− Using Plotly.js, locuszoom and Manhattan plots to generate the graphs for the scientists to get the statistics on gene data.
− Also coding with python for REST api data retrival and also to automate some file read options to convert as JSON.
− Involved in understanding the DB schemas to learn more about the business implementation and minimal coding for debugging and stored procedure updates.

Ulmit Inc

JAN-2016-MAY-2016

SYSTEMS ENGINEER

– Planning and developing the UI prototype for the website
– Following the Agile methodology and communicating with the back end team in India.
– Prioritizing the work flow, making designs for any pages where there is no availability of a PSD mock ups.
– Converting PSD's to static HTML pages, styling with CSS3
– Using Bootstrap framework to make the pages responsive and also writing media queries by following Mobile first method
– Using Backbone.Js for making the website a SPA
– Using Require JS as file and module loader and Underscore JS for templating.
– Experienced in using GIT as version control and using the command line.

IEEE

APR-2014-DEC-2015

PROGRAMMER ANALYST

IEEE Collabratec™

– Design and develop pages for User Profile, Communities, My Connections, Search, Privacy Settings modules using Backbone.js, jQuery, Twitter Bootstrap among other technologies.
– Implementing the jQuery mobile menu that could be feasible for different devices supported.
– Perform technical review of the stories (functional requirements) that come in the backlog.
– Develop common/reusable UI components for Global Search, Pagination, Error handling etc. to be used throughout the application to maintain uniform look and feel.
– Analyze and provide solutions for new functionalities and critical issues
– Participate in sprint planning sessions, retrospective meetings, daily scrum meetings and other scrum activities
– Create design documents, guidelines, and best practices and post it on Team wiki.
– Creating stored procedures and tables for the sample data for testing a developed module in MySQL workbench

IEEE Fellows

– Design and develop pages for Nominations, Evaluations, Judging and Scoring with HTML5, CSS3, JavaScript, Angular Js, d3Js and jQuery.
– Extensively used bootstrap for the responsive web design.
– Used AngularJs as the development framework to build a single-page application.
– Leveraged angular resources for all data access, encapsulating URLs and standardizing data access Interfaces.
– Used AngularJS Http Request to read data from web servers and process JSON data to render in the UI.
– Created custom angular directives and filters for filtering the data that we display on the web page.
– Minimalistic Usage of d3js for developing graphs for admins to see how

many users active and under what category.

- Graphical representation of statistics is done using d3js apart from the main application.
- Analyze and provide instant fixes for critical issues.
- Participate in sprint planning sessions, retrospective meetings, daily scrum meetings and other scrum activities.

TechNumen Inc
AUG-2013-APR-2014

SYSTEMS ENGINEER

- Created web pages with HTML4/5 using CSS2/3, JavaScript.
- Worked with Marketing and Brand Management teams to develop new functionalities for the maintenance of the system.
- Installed and setup the website, fixed bugs in the system and wrote the documentation.
- Used Firebug, Firebug Lite, IE Developer Toolbar, for debugging and browser compatibility.
- Prepared the Unit test plans and the integrated test plans.
- Used JQuery library for creating UI components using HTML, CSS and JavaScript
— Designed, Developed Web pages for the application using JSP, HTML, DHTML and JavaScript for validation.

Texas A&M University
MAY-2012-MAY-2013

FRONT-END DEVELOPER

- Going through the Dean or Professors requirements for page development and maintaining the data as per the updates.
- Updating web pages for the new feeds and activities on the college website using HTML 4/5, CSS 2/3, Java Script.
- Using Dream Weaver developed new pages for individual department's course information.
- Experience in using Cascade Server for the code deployment.
— 3 Worked on MySQL queries to run a check on database for any data verification if required

Dell Inc
AUG-2010-DEC-2011

JUNIOR DEVELOPER

- Responding to the customer's questions and resolving issues with the product.
- Involved in the Analysis, System study and designing of the project.
- Developed front-end screens with HTML, DHTML, CSS, JavaScript and JSP's. Extensively did client side validations using JavaScript and developed the required Servlets.
- As a developer, coordinated with onsite team and client in understanding the business process and requirement understanding.
- Developed stores procedures, triggers, functions and database tables in Oracle database.
- Participated in daily meeting for enhancing the features for the portal.
- Participated in Code review and Quality Assurance.
— Used JDBC, application server provided transaction API for accessing data

from the Oracle the using Standard statements.
— Preparation and review of Unit Test Plan, Unit Testing, Test Results review and other quality related work.

TECHNOLOGIES

<u>Base tools</u>

HTML5 ★ ★ ★ ★ ★
CSS 3 ★ ★ ★ ★ ★
BOOTSTRAP ★ ★ ★ ★ ★
MATERIALIZECSS ★ ★ ★ ★
JAVASCRIPT ★ ★ ★ ★
JQUERY ★ ★ ★ ★

<u>Frameworks and Libraries</u>

AURELIA.IO ★ ★ ★ ★
REACT.JS ★ ★ ★
ANGULAR.JS (v1) ★ ★ ★ ★
BACKBONE.JS ★ ★ ★ ★
LODASH ★ ★ ★ ★ ★
NODE.JS ★ ★ ★
PLOTLY.JS ★ ★ ★
REQUIRE.JS ★ ★ ★ ★ ★

<u>Repositories & Environment</u>

GIT ★ ★ ★ ★
JAVA ★ ★
PYTHON ★ ★ ★
MONGODB ★ ★ ★
SQL SERVER ★ ★ ★
POSTGRES SQL ★ ★
ATLASSIAN STASH ★ ★ ★ ★

EDUCATION

<u>Harrisburg University of Science and Technology</u>

Graduation: Oct 2017
Master of Science – Project Management (IT concentration)
GPA: 3.66

<u>Texas A&M University</u>

Graduation: May 2013
Master of Science – Industrial Engineering
GPA: 3.75

<u>Jawaharlal Nehru Technological University-India</u>

Undergraduation: 2006-2010
Bachelor of Science
GPA: 3.42