**Vidya Sagar Bandaru**

**E-mail: vidya.sagar554@gmail.com**

**Phone: +91 9848311098**

**Career Summary:**

* 7+ years of extensive experience in Web Applications Design and Development using main stream web technologies such as HTML4/5, CSS2/3, Bootstrap, ReactJS, VueJs, JavaScript, Angular 5/6/8, NodeJS, TypeScript, JSON and jQuery.
* Experience working on large-scale ReactJS/GraphQL/NodeJS micro services and isomorphic builds deployed using AWS and docker.
* Focused effort on increasing traffic, engagement, SEO, and other business relevant KPIs.
* Responsive Web Design (RWD) for different types of devises like tablets and mobiles using media queries and libraries like bootstrap.
* In-Depth knowledge of CSS principles in creating and manage scalable, maintainable and cross platform compatible design.
* Good knowledge on Software Development Life Cycle and implementing Test Driven Development- TDD and Pair programming.
* Knowledge of database MySQL and MSSQL server including creating objects, writing correlate sub queries, triggers, cursors, functions and transactions.
* Experience in creating dynamic and reusable components using ReactJS and working with React Flux architecture.
* Good knowledge of Core Java programming with experience in creating java-spring applications.
* Used REST Controller in Spring framework to create RESTful web services and JSON objects for communication.
* Experience creating project documentation and training.
* Used Jasmine / Karma / Chai to create test suites for unit testing.

**Technical Skills:**

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| --- | --- |
| **Web Technologies** | HTML/HTML5, CSS2/CSS3, XML, XHTML, JavaScript, TypeScript, Vanilla JS, AJAX, JQuery, JSON, DOM, SASS, AngularJS, Angular 5/6/8, ReactJS, VueJS, NodeJS, Express JS, and Bootstrap, EJS, IIS, docker, charts |
| **IDE & Editors** | Eclipse, Notepad++, Visual Studio, Edit plus and Sublime Text Editor |
| **Database Systems** | SQL Server, MySQL, Oracle, Mongo DB, GraphQL |
| **Operating Systems** | Microsoft Windows, Linux, Unix, Windows Server |
| **Other Technologies** | GIT, GitHub, React, Node |

**Educational Qualification:**

* **Master of Science (Computer Science) – Southern University at Baton Rouge, USA**
* **Bachelor of Technology** in Computer Science Engineering. – **JNTU, HYDERABAD**

**Professional Experience:**

**Cognizant, Charlotte, NC Apr 2019 to August 2020**

**Tech Lead – Full Stack Developer**

**Technologies: AngularJS 6/8, Java, JavaScript, Docker, HTML, CSS2/CSS3, TDD, Typescript, jQuery, React, GitHub, Scrum, Agile**

**Responsibilities:**

* Leading a team of 4 to develop an online metrics dashboard
* Developed Node Services for Data Collection and validation
* Building FrontEnd application using Vue and CharJs
* Involved in architecture and development of CCPA project for Walmart
* Design and documenting the requirements and KPIs
* Managing stakeholders and product owners to managege on-time delivery
* Managing SCRUM meetings and driving discussions between multiple teams
* Product owner and drove the development as team lead for the UI/UX team
* Working on large scale **ReactJS**/**GraphQL**/**NodeJS** microservices and isomorphic buildsdeployed using AWS and docker
* Focused efforts on increasing traffic,engagement, SEO, and other business relevant KPIs.
* Creating applications front end and backend in JavaScript using:AngularJS, ReactJS, GraphQL, MongoDB, MySQL, Express, NodeJS among others.
* Worked closely with Design Team to create pixel-perfect, seamless representations of Zeplin mockups using clean core JavaScript, jQuery, and advanced CSS/animation techniques.
* Creating Optimizely Experiments to record metrics on new design plans.
* Responsibilities included creating features for new andexisting websites, with a focus on back-end logic and database schema development.
* Managing Deployments, feature testing, migrations and training

**Legacy.com, Chicago, IL Sep 2018 to Apr 2019**

**React Developer- Search and Demand Generation**

**Technologies: React, docker, JavaScript, Node JS**

**Responsibilities:**

* Developed the web application using React JS, VueJS, Express.js, Node JS, MongoDB, JavaScript.
* Construct a powerful and modern frontend architecture involving React, Redux and ES6.
* Developed React JS forms to manipulate text within HTML5 views.
* Used Node JS and Express.js to setup the web servers and to integrate services.
* Created forms and sessions using Node JS and Express.js to store the user data and provide dynamic views based on the users.
* Designed and implemented server side Restful web services using Node JS and Express.js and handled communications to the client side (ReactJS) using JSON.
* Used React-Native for the mobile web development.
* Optimized ExtJS themes and prepared performant applications.
* Developed and implemented UI controls and APIs with ExtJS.
* Administered and supported ExtJS applications within scope.
* Worked with VueJS framework to make work easier with JavaScript libraries in integration.
* Used VueJS for transition effects that manipulate the DOM directly using JavaScript.
* Worked on server-side using NodeJS along with Express.js and connect to the database using Mongoose from MongoDB.
* Extensively used tools like Web pack to minify JavaScript files, compile Sass files to CSS, reduce the React JS file size and used Grunt for build automation and management.
* Create HTML e-mail campaigns utilizing JavaScript to promote product announcements and implement cookies for dynamic content purposes.
* To improve site speed used Vanilla JavaScript.
* Built Custom Angular 4 Directives and services for single page applications.
* Created Angular Directives, Controllers, Modules, Pipes in TypeScript.
* Used Angular 5 for the new router life events and compiler improvements.
* Involved in developing Component level design and defined the usage of AJAX to reuse the network bandwidth efficiently.
* Building test cases using jasmine and karma

**Southern University Systems, Baton Rouge, LA Jan 2017 to May 2018**

**Graduate Assistant**

**Technologies: JavaScript, HTML, CSS, VBA, NeoGov, Peoplesoft**

**Responsibilities:**

* **HR Data Processing**, Employee Reconciliation, Analytics
* **Reporting –** Weekly and monthly reports for payroll and administration
* **Talent Analytics** - Providing accurate, consistent, and timely **reporting** & analysis to leadership.
* **Analytics** – Providing the leadership with advanced and detailed HR data
* Building web applications and internal tools for the university
* Developed internal tools to automate various management processes using web design
* Generating various complex reports based on different criteria
* **Compensation and Rewards** – Provide detailed analysis of Comp and Rewards data to Finance and Leadership.
* **Automation** – Automating Regular reports using Macros to streamline reporting and deliver accurate data.
* Engaged in the analysis, design, development, and support of **reporting** solutions for Recruitment Team
* Automated the employee hiring process and the transitioned the HR paperwork to an online tool
* Developed an online tool to process HR paperwork for new employees and Grad students
* Developed software to parse the raw data, populate staging tables and store the refined data in partitioned tables in the HR database.
* Provided design recommendations and thought leadership to sponsors/stakeholders that improved review processes and resolved technical problems.

**Deloitte US – Hyderabad, India Dec 2014 – Dec 2016**

**Front End Developer**

**Technologies: AngularJS 6, Java, JavaScript, HTML, CSS2/CSS3, TDD, Typescript, jQuery, GitHub, Scrum, Agile**

**Responsibilities:**

* Responsible to design and developed web pages using HTML5, CSS3, JavaScript, jQuery, Bootstrap and Angular 2.0.
* Designed and implemented full stack throughout entire website along with Angular MVC and used it for storing huge payloads of data in a JSON format.
* Developed login system and implemented input validation with AngularJs, CSS classes and JavaScript Regular Expressions.
* Pages are implemented with Angularjs routing and custom directives for the associate profile.
* Used Angular Http Services which are responsible to return JSON object which are compatible with all mobile, web, mobile web and tablet platforms which also serves Built rich prototypes for designing and developing dynamic web pages using HTML5, CSS3, JavaScript and jQuery, Ajax, JSON, Angular 2.0 and Bootstrap.
* Developed search pages with pagination, sorting and search functionality with Angular Http Service.
* Used Angular built-in directives, custom directives and services for developing interceptor and complex UI data table grids.
* Consumed the RESTful web services to address the needs of mobile applications where each service can construct JSON, XML and HTML response.
* Worked with D3 for generating reports for sales and marketing team.
* Maintain the code base by frequent updates to revision using GIT version control system.
* Performed cross browser compatibility check and thoroughly performed unit testing and Integration using Protractor.
* Interacted with the back-end staff and scrum master at the daily meeting for new features in this web app using Agile software development methodology.
* Duties include developing   applications using web technologies like HTML/HTML5, and CSS/CSS3.
* Built Web pages that are more user-interactive using Angular Framework and React.js
* Handled various client-side validations, slide show, hide and show controls, dropdown menus, Grid layout and tab navigation using Angular UI.  Developed applications on different devices like Mobile and tablet using react and angular.js
* Hands-on experience creating controllers, views using MVC framework Angular JS.
* Involved in writing application level code to interact with APIs, RESTful Web Services using $http.
* Used JSON for storing and exchanging information between browsers and servers.
* Extensive experience working with Cross-Browser Compatibility issues.
* Worked with business analysts to understand their business models and goals and help define strategy, content, and features.
* Experience using JIRA for defect tracking and Git for version control.
* Involved in Agile process, monthly Sprints, and daily Scrums to discuss the development of the application.
* Used Jasmine and Karma to create test suites for unit testing the UI.

**Achievements:**

* Received praises for creating process documents for various HR processes
* Received "Applause Award" for building the RPM tool to support the new performance management system

**Cognizant Technology Solutions Ltd., Pune May 2013 – Dec 2014**

**Programmer Analyst**

**Technologies: JavaScript, Node Js, Typescript, Angular2**

The Production Services Switzerland team is the Level 1 team that manages all UNIX, Linux, Database (Oracle, SQL & Sybase) production services tasks. Managing Level 1 Change Requests for all Software, System, Hardware and Configuration changes supporting the Switzerland region

**Responsibilities:**

* Built web pages that are more user-interactive using AngularJS, JavaScript, AJAX, JQuery and NodeJS
* Used Angular JS framework for building SPA (Single Page Application) for adding routing for the pages.
* Created Angular directives, services, and controllers for a complete ground up development and migration of existing JavaScript web application.
* Worked with Angular JS Forms, Validations, Modules, Factory Services, DOM, Events, Expressions, Directives, Controllers, filters, Http Request.
* Migrated parts of the application to Angular2.
* Involved in developing Mobile version of the project using Angular 2.0 and Typescript.
* Maintained Cross Browser compatibility & implement Responsive Web Design using Bootstrap, custom media queries, with brand appropriate styles, colors, animations and font icons etc.
* Used jQuery plugins for Drag-and-Drop, Widgets, Menus, User Interface and Forms.
* Used Ajax, JSON with JQuery for request data and response processing.
* Build Web Apps with React JS and Flux.
* Used ReactJS to create Controllers to handle events triggered by clients and send request to server.
* Functionalities include coding, styling, testing of reusable JavaScript, CSS and HTML libraries for complex UI controls.
* Responsible for JavaScript upgrades and improvements.
* Worked with the team of architects to gather requirements, enhance the application functionality, and add new features.
* Experience working with build, code package & source code management such as GIT.
* Implemented Unit Test cases using Karma test Runner and Jasmine for AngularJS on client side.
* Participated in daily standup meetings to update the work status as part of Agile & Scrum methodologies.

**Hindustan Computers Ltd., Hyderabad July 2012 – May 2013**

**Media Manager - Reporting**

**Technologies: Javascript, HTMS, CSS, gCases, DFP(DoubleClick)**

YouTube Ad Operations has a Global presence and is a recognized leader in Ad Operations. The Product is responsible for Ad serving and Ad trafficking for various 3rd party clients and is the highest revenue generator for YouTube.

**Responsibilities:**

* Created Mock-up designs and developed various functionalities with Java Script and jQuery.
* Responsible for design and development of Web pages using HTML, CSS, JavaScript including AJAX controls, JSON and XML.
* Worked on Bootstrap framework to make the overall site responsive and less complicated.
* Involved in writing SQL Queries and Stored Procedures.
* Involved in implementing the UI to support all the major browsers like Internet Explorer, Mozilla Firefox and Google Chrome.
* Developed jQuery based calendar to create future events.
* Used Ajax calls to send parameters and get data based on the user-triggered events.
* Used various jQuery plugins for menus, auto complete, dropdown boxes, pagination, date picker, forms and sorting functionalities to enhance the usability, functionality and overall experience with the website.
* Used SVN as a repository tool and version control.
* Fixed bugs in the production and performed Unit Testing for each of the developed functionalities.
* Prepared effective Test Scripts for every developed functionality as a part of testing.