**Name:** Aravind Rao

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**Current Location**: Jacksonville, FL, 32256

**PROFESSIONAL SUMMARY**

* Seeking for an opportunity where I can utilize my experience and skills towards organization objectives which helps me to upscale my professional career.
* **8 years** of experience in **Web Development**, **Designing User Interface** **Applications**, **Testing** and **documentation** of professional **web-based applications** using HTML5, CSS, Bootstrap, **JavaScript**, **jQuery**, **NodeJS**, **ReactJS**.
* Attended **Hack Reactor** boot camp in New York City and many remote sessions on **ReactJS, NodeJS, ExpressJS, MongoDB, GIT,** and **jQuery**.
* Experience in understanding the Enterprise level UI/UX Standards.
* Well adept at using web technologies like **HTML5**, **CSS3**, **JavaScript**, **Ajax, NodeJS, ReactJS, NextJS, Typescript** and **jQuery** for developing user interface applications in various environments.
* Developed Web **API**(**REST**) using **NodeJS** and hosted on multiple load balanced API instances.
* Used **NodeJS** and **Express**.**js** to setup the web servers and to integrate services with UI.
* Created forms and sessions using **NodeJS** and **Express.js** to store the user data and provide dynamic views based on the users.
* Implemented Service Oriented Architecture by publishing and consuming **Webservices** which has been developed using **SOAP** protocols.
* Strong development skills including RESTful Web Services.
* Strong Integration skills between **UI** and **Java** (**REST**) Services
* Comfortable working with **MERN** (**MongoDB, Express, ReactJS, NodeJS**) stack.
* Experienced in **ReactJS** and working with **React Flux** architecture. Utilized **NodeJS** for routing and navigation, components, and services.
* Experienced in using **React** **Redux** for state management.
* Experienced in Apache Spark Development for developing efficient and elegant API.
* Experienced in **MVC**, **SPA** (single page application), Custom directives, and custom modules and synchronize data with server in **NodeJS**.
* Expertise in using **JSON** and **AJAX** to link with back-end applications consuming **RESTful** Web Services and experience in building cross browser compatibility applications using **HTML5** and **CSS3**.
* Experienced in working with **SQL** Server 2012/2016 for creating database.
* Experienced in using **GitLab** for code repository and **Jenkins** to deploy applications and services in **Openshift** (PAAS).
* Experienced in **Agile** Methodology, **Scrum,** and full Software development life cycle (**SDLC**) including Application Deployment.
* Experienced with meetings involved in Planning, Retrospective and Review, Demo of assigned stories in each **Sprint**.
* Having knowledge on preparing illustrative and visualized document.

**TECHNICAL SKILLS**

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| --- | --- |
| **Web Technologies** | JavaScript,NodeJS,ReactJS,NextJS,ExpressJS,JQuery,BootStrap, AJAX, CSS, HTML5. |
| **Programming Languages** | C#, C, C++, SQL, PL/SQL, T-SQL, NOSQL |
| **Methodologies** | Agile, Scrum, Waterfall, Adhoc |
| **Database** | Hadoop (Hive&Hbase), MongoDB, POSTGRESQL, SQL Server 2012/2015/2016, Oracle (DB2) |
| **Dev /Design Tools** | Visual Studio Code, Visual Studio, Sublime Text2, Atom |
| **Web Servers** | Internet Information Services (IIS), Azure Cloud, Openshift,WAS |
| **Testing Tool** | Postman, Swagger, SoapUI |
| **Reporting Tool** | Microsoft Power BI, Tableau |
| **Operating Systems** | Windows, UNIX |
| **Agile Tool** | Jira, Rally |
| **DevOps** | Jenkins, GitLab, TFS, Artifactory |

**Education:**

**Master’s Degree (MS) in Computer Science. December 2016**

University of Central Missouri, Missouri.

**Bachelor’s Degree (BS) in Electronic Engineering Technology (Avionics). June 2013**

College: Sreenidhi-Vaughn College of Aeronautics and Technology

University: Vaughn College of Aeronautics and Technology.

**PROJECT EXPERIENCE**

**DENOVO SYSTEMS LLC**

**Client: BCBSFL (Florida Blue),** Jacksonville, FL **December 2018 to Present**

**Role:** Sr. IT Developer (Fullstack ReactJS & NodeJS) (Tech Lead)

**Description:** Blue Cross Blue Shield of Florida also known as Florida Blue is a Health Insurance Provider to the citizens of Florida. One out of three Americans have health coverage from Blue Cross/Blue Shield. The names on various state plans include Anthem, Independence, Hawaii Medical Service, Highmark, and Wellmark, but all the 36 independent and locally operated Blue Cross Blue Shield companies open doors in all 50 states. Nationwide, more than 96% of hospitals and 95% of doctors and specialists’ contract with Blue Cross Blue Shield companies—more than any other insurer.

Thirty-one Blue Cross Blue Shield companies were highly rated by NCQA and 14 received good financial ratings, although quite a few were not rated in this area.Ten Anthem Plans—including some with lower overall ratings—scored impressively in the customer satisfaction area. Eleven of the Blue Cross/Blue Shield Medicare Advantage Plans were highly rated. The Blues offer employer insurance, individual policies on healthcare.gov, and a variety of Medicare plans (Medigap, Prescription Drugs Part D, and Medicare Advantage)

**Responsibilities:**

* Coordinated with Users and Business analysts to analyze the requirements and helped bridge the gap between business requirements and technical implementation.
* Lead the team of 2 developers and 2 associate developers as a Tech Lead to coordinate with the infrastructure team and other domains.
* Used **ReactJS** to create custom components for data manipulations and to display data in company standard format. Developed **ReactJS** forms to manipulate text within **HTML5** views.
* Used **NodeJS** and **Express**.**js** to setup the web servers and to integrate services.
* Created forms and sessions using **NodeJS** and **Express.js** to store the user data and provide dynamic views based on the users.
* Developed Web App with **ReactJS**, Integrated with third party apps.
* Designed and Developed Styled components for Web application.
* Designed and implemented server-side **RESTful** web services using **NodeJS** and **Express.js** and handled communications to the client side ReactJSusing **JSON.**
* Implemented React router for building the single page application. Utilized React for its efficient data flow architecture to create a lightweight container and render efficient web app.
* Developed Single Page Application by using the ReactJS**, Redux** and used ReactJSX for templating for faster compilation and developing reusable components.
* Utilized **React**to build reusable components with **JSX**resulting in optimized rendering and performance.
* User **MaterialUI** for the customizing the reusable components and styles.
* Used **Node.js** as the package manager for development workflow dependency plugins.
* Created**AJAX** calls to exchange information with MySQL and Responsive Web Design using **CSS, Bootstrap**and **Media Queries**.
* Maintained cross browser compatibility and implemented responsive design using **Bootstrap**.
* Used **Express.js**   for robust set of features for webpage applications.
* Worked with NoSQL database **Mongo DB** and worked with it to perform CRUD (create, read, update, delete) operations.
* Used **NextJS** for creating **Server Side React** Applications.
* Integrated the UI with Enterprise Rest Service (**Micro Services**) to feed data.
* Used many node packages like **recharts**, **react-chartjs**, **react-chartjs2**, **nivo**, **react-simple-maps** and many more for creating sophisticated and functional Charts and Maps for Reports generations for the executives.
* Created UI to create document for an application on the fly using React Mark Down.
* Performed **Unit testing** on **ReactJS** applications and **NodeJS** Services (API).

**Environment:** JavaScript, jQuery, ReactJS, NextJS, NodeJS, ExpressJS, POSTGRESQL, Hive, HBase, Jenkins, GitLab, Openshift, MongoDB, Bootstrap, XML, CSS, Web services, REST, HTML5, SQL Server, T-SQL, Windows 10.

**Source Consulting LLC**

**BIOGEN,** Cambridge, MA  **August 2016 to December 2018**

**Role**: Sr. IT Developer (Fullstack ReactJS & NodeJS)

**Description**: Biogen is a healthcare organization. Biogen helps to rehearse insight into current prerequisites and give practical answers for Life science organizations. Biogen is a solitary point source, offering a range of administrations for human services organizations. Biogen offers exact answers for quality necessities, administrative undertakings and preparing to Life sciences Companies that are endeavoring to deliver most recent medications.

**Responsibilities:**

* Designed Responsive Web pages using media queries and Twitter Bootstrap.
* Worked with modules like **MongoDB** and mongoose for database persistence using **Node.JS** to interact with MongoDB.
* Worked with **Express.JS** for development of **RESTful** web services and middleware configurations.
* Worked with Passport and **JSON** web tokens for authentication and authorization security configurations using Node.JS.
* Working with ECMA Script 6 features. For build of JSX and ES2015(ES6) used Babel, webpack.
* Working with **React Router** for developing Single Page Applications SPA’s.
* Experienced in developing React components. Used Axios with React.JS for making AJAX Calls.
* Worked on **Webpack** for build and webpack-dev-server a server.
* Designed and implemented server-side **RESTful** web services using **NodeJS** and **Express.js** and handled communications to the client side ReactJSusing **JSON.**
* Implemented React router for building the single page application. Utilized React for its efficient data flow architecture to create a lightweight container and render efficient web app.
* Developed Single Page Application by using the ReactJS**,** Reduxand used ReactJSX for templating for faster compilation and developing reusable components.
* Utilized Reactto build reusable components with **JSX**resulting in optimized rendering and performance.
* Used Middleware, Redux-Thunk in application to retrieve data from Back-End and to also perform RESTFUL services.
* Responsible for writing and implementation of **JavaScript**and **AJAX** to interact with web Services and user controls. .
* Involved in building stable React components and stand-alone functions to be added to any future pages.
* Used **Node.js** as the package manager for development workflow dependency plugins.
* Created**AJAX** calls to exchange information with MySQL and Responsive Web Design using **CSS, Bootstrap**and **Media Queries**.
* Maintained cross browser compatibility and implemented responsive design using **Bootstrap**.
* Used **Express.js**   for robust set of features for webpage applications.
* Worked with NoSQL database **Mongo DB** and worked with it to perform CRUD (create, update, delete) operations.
* Performed **Unit testing** on angular applications.
* Experience in using **GIT** for distributed source controls with **TFS** (Team Foundation Server).
* Created PowerShell script runbooks in Azure cloud for Automation.
* Used **Scrum** Methodology for development of the project and participated in daily stand-up meetings, sprint retrospective and sprint planning meetings.
* Used **SQL** Server to create Database.
* Worked on Team Foundation Server (**TFS**) for version control, code review and for automatic builds and continuous integration.

**Environment:** JavaScript, jQuery, ReactJS, NodeJS, ExpressJS, MongoDB, Bootstrap, XML, CSS, Web services, REST, HTML5, SQL Server, PowerShell Script, Azure, Graph API, Power BI, T-SQL, Windows 10.

**ICON Analytical**, Mumbai, India.  **May 2013 to June 2015**

**Role:** Software Developer

**Description**: Executive profile application is an internal application of ICON to measure the performance of its associates. It allows a supervisor to assign roles to their team members like a future role, career overview to rate the performance, Development action of the year.

**Responsibilities:**

* Developed the Front-End User Interface using **HTML**, **JavaScript,** and **CSS**.
* Created navigation lists using list elements in HTML.
* Developed responsive client-side application to integrate with server side using **HTML5**, JavaScript, **jQuery**, **AngularJS**, **NodeJS** and **Bootstrap**.
* Responsible to manipulate **HTML5**, **CSS3** using jQuery as well as making the pages dynamic by using **AJAX**, **JSON** and **XML**.
* Extensively worked on designing web pages using HTML5, CSS2/3, JavaScript, AngularJS, and AJAX.
* Involved in writing Complex **SQL** queries, stored procedures accessed Oracle database using ADO.NET.
* Completely involved in designing and development of web-based application with a team size 4, Designed and Developed Web forms using **ASP.NET**.
* Used SQL Data Adapters & Datasets extensively for database activity.
* To prepare Unit Test Cases for Use Case.
* Performed code reviews to enforce the project coding standards.
* Created form validations with JavaScript. Provided insight on HTML5 and CSS standards.
* It has features like Templates, which allow the user to fully customize the screen, and allows users to save the analysis done by them and use the same analysis later by using multithreading.
* Unit testing of the application. Each form and modules are tested against the program specifications.

**Environment:** JavaScript, jQuery, Bootstrap, AJAX, XML, CSS, Web services, HTML5, SQL, Windows 7/8, ASP.NET.