**MAHIPAL REDDY**

Owings Mills, Md | (708) 872-5679 | [mahipalr369@gmail.com](mailto:mahipalr369@gmail.com)

**Professional Summary**

* I’m a passionate software engineer that loves to solve interesting challenges across the full stack. I'm currently a front-end engineer at Florida Blue where I developed accessible rich internet applications used by many of the over 16 million customers of the $19 billion dollar enterprise where our mission is to build the tools, expertise, and accountability necessary to delight customers with disabilities.
* Over 6 years of professional experience in Software Development Life Cycle (SDLC) phases of design, development, implementation, deployment, testing and maintenance as per quality standards using **Agile and Waterfall methodologies** in different industries.
* Proficient understanding of JavaScript and its frameworks like **ReactJS, Node.js, Angular2, Angular JS, jQuery**.
* Experience with **CSS3, SASS, SCSS, Bootstrap3, 4, Foundation 6** in developing **responsive web pages**.
* Extensively working with **Redux** and **Flux architecture** to create and manage data of complex applications**.**
* Well versed coding using **JSX**, **ECMAScript 6, 7, 8**.
* Have experience working on with **Core Java** and **Object-Oriented Programming** concepts.
* Proficient in unit testing frameworks such as **Jest, Jasmine, Karma, Mocha, Junit** in **TDD** environment.
* Experience in code optimization there by increasing performance to build robust applications.
* Good skills in creating **RESTful Web Services** using Express.js framework.
* Proficient in working with task runners **Webpack, Gulp,** and **Grunt**.
* Experience in writing queries, using **MySQL** worked on NoSQL Database like **MongoDB**.
* Good knowledge in writing queries using **GraphQL.**
* Worked with **Webpack module** bundler, node package manager, yarn for managing packages.
* Worked in DevOps environment and worked **deployment procedures**
* Hands-on experience using the version control tools like **Git**, **SVN** and **TFS, VSTS**.
* Experienced working in Agile, Waterfall, Kanban and Scrum based development environments.
* Keen awareness of new industry developments and the evolution of programming solutions.

**Technical Skills**

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| Web Technologies | HTML/HTML5, CSS2/CSS3, DHTML, XML, XHTML, XSLT, JavaScript, Ajax, jQuery, JSON, Apache, PHP, DOM |
| Programming Languages | JavaScript, JSX, TypeScript (ES6, ES7), jQuery, Java, .Net, SQL, C# |
| JavaScript Frameworks | ReactJS, Angular 2, Angular JS, Node.js, jQuery UI |
| Database | MongoDB, Postgres, Oracle 11g/12C, MySQL Server, DB2 |
| Version Control | GIT, SVN |
| Operating Systems | Windows XP/Vista/7/8/10, Ubuntu, Linux, Mac OS X |
| Debugging Tools | Firebug, Bugzilla, Chrome Developer Tools, Redux Developer Tools |
| IDE, Editors | WebStorm, Notepad++, Visual Studio Code, Net Beans IDE, Brackets, Adobe Dreamweaver, Microsoft Visual Studio, Photoshop |
| Development Methodology | Agile, Waterfall |
| Browsers | Firefox, Chrome, IE, Safari, Opera |

# Professional Experience

**Florida Blue - Jacksonville, FL**

**IT Developer** - August 2018 to Present

**Projects** – My Health Link, Truli Health, Chatbot, Payment Center, Message Center, Digital Enrollment

* Developed SPA’s for the Florida Blue company and its tenants using **JavaScript, ReactJS, Redux, Immuatble.js, SCSS, Foundation** and supported by **Node.js, Java** in backend
* Lead and mentored the junior developers
* Worked closely with Business, UX, Application Architects to convert complex business logic to interactive web applications
* Designed and established front-end development standards and coding patterns for reuse
* Involved in setting up the application architecture and business component structure for the projects
* Worked on custom modules and widgets using ReactJS/CSS/HTML and made those cross-browsers consistent
* Integrated with Stripe.js to build payment center
* Used **i18n** for dealing with language barriers and to translate the application in different languages
* Createdcustom **Higher Order Components** like Auth component to authenticate the user
* Worked with **Immutable.js** data structures like **List, Map, OrderedMap, Set, OrderedSet**
* Used **Redux Architecture** for the management of data flow between the components, state and store
* Used **Redux-Thunk** as a middleware for handling asynchronous calls
* Worked with **Axios** for **Ajax** calls and **Lodash** library for utility functions
* Created POC’s on latest react features like hooks, Portals, Context API
* Consumed **API’s** andworked with **JSON Web Tokens (JWT), sessions** and **cookies**
* Performed client-side validations using **validate.js** andcustom validator methods
* Experienced in working with **Babel**, **Gulp**, **npm**, **NPM** **scripts**, and **Webpack** in application build and deployment processes
* Worked with **Git** as version control system, **GitLab** as a Git-repository manager, Jenkins for deployment
* Followed Kanban method and its tools for managing and tracking the development of the products, Bi-Weekly Sprints, and daily Scrums

**Environment**:  HTML5, CSS3, SCSS, JavaScript, ReactJS, Redux, React-Router**,** Axios, Node.js, Immutable.js, Express.js, Stripe.js, Moment.js, Foundation, Chart.js, Bloomreach, ES6, JSX, Jest, Webpack, ESLint**,** Jenkins, JFrog, Git, GitLab, Rally

**Nova Southeastern University - Fort Lauderdale, FL**

**Web Developer -** April 2018 to July 2018

**Projects** - Event Calendar, FRD, Spaces

* Developed client-side interfacing using **HTML5, JavaScript, ReactJS, Redux, SCSS, Bootstrap 4**, **Node.js**
* Redesigned and developed the web-applications from login page to contact page using ReactJS
* Worked on the migration of application from **Perl to ReactJS** and **Angular JS to ReactJS**
* Implemented **Redux-Form** to manage form state in Redux
* Worked with **Essential JS 2** to import default Grids, Tables, Charts, Toolbars, Panels
* Worked with the **Moment.js** and imported the date, time objects
* Extensively worked with Reactstrap **Flex** and **Font Awesome Icons**
* Used different Toastr methods from **react-redux-toastr** to display the notifications for the user
* Worked with **D3** and **Tableau** for data visualization and react-fusioncharts, Chart.js, ReCharts for charts
* Built backend REST API with **Node.js**, **Express.js**
* Performed client-side validation using javascript and **react-validator**
* Apart from chrome debugger tool, used other developer tools like **React Developer Tools** and **Redux Dev Tools** for debugging and developing
* Using **Jest**, dealt with asynchronous tests and with the new features like mocking, spies and stubs built-in
* Worked with **Git bash**, **Sourcetree** and **VSTS** for code development and also for collaborating with QA
* Involved in the AGILE process, Bi-Weekly Sprints, and daily Scrums to discuss the development of the application to deliver in time

**Environment:** HTML5, CSS3, Bootstrap4, SCSS, JavaScript, ReactJS, Redux, Axios, Node.js, .Net, EssentialJS 2, Moment.js, JSON, XML, ES6, Jest, Webpack, Jenkins, JIRA, Git, VSTS

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**AutoNation Inc - Fort Lauderdale, FL**

**UI Developer -** August 2017 to March 2018

**Projects** – EMT, SEM Microsites

* Developed fully functional responsive modules based on business requirements using **HTML5, CSS3, SASS, Bootstrap, JavaScript, ReactJS, Redux**
* Designed and implemented modules for disbursements, history of accounts, premium value.
* Involved in designing web pages for the internal website for work list, branch administration and customer service
* Used the react component **life cycle methods** efficiently
* Implemented **React Router** for building the single page application
* Involved in processing **JSON** data from **RESTful** web service by using Axios to get resources from the database and populated data on the UI and used **Redux-Saga** as middleware
* Managed projects with Webpack and combined with node package manager to install **JavaScript** latest version of libraries based on running in the **Node.js** environment
* Involved in working with **Sitecore CMS** for the data management
* Used Bootstrap and **Media queries** to create a responsive website that fit all users and devices from desktop to tablet and mobile phone
* Experience implementing website **optimization** testing code using **Adobe target**
* Developed dynamic data visualizations by using **D3.js**
* Implemented **react-fusioncharts, react-sparklines** to display various charts on the view
* Used **Webpack** to bundle all the components JavaScript code to a single file
* Used the Mozilla Firefox extension, Firebug, Developer tools to view and debug **HTML**, **DOM** and **JavaScript**
* Used **JIRA** for bug tracking and **ESLint** for ensuring quality code
* Used **Jenkins** for continuous integration and continuous deployment pipeline
* Participated in **Agile Development Team** and having **SCRUM** meeting for progress reporting as well as task distributing

**Environment:** HTML5, CSS3, Bootstrap3, SASS, JavaScript, ReactJS, Redux, Angular2, Axios, Node.js (5.11.0), JSON, XML, ES6, Jest, Webpack, Postman, Jenkins, JIRA, Git

**Medtronic - Minneapolis, MN**

**UI Developer** -May 2016 to April 2017

**Projects** – Altare, Migration

**Description:** Medtronic has six main business units which develop, manufacture devices and therapies to treat more than 30 chronic disease. Our project was to develop the webpage which show the heart ratings and other medical information from medical devices.

**Experience:** Developed web applications that collects the medical information and displays visually that save lives, improve the quality of living for millions of patients across the world. Worked with various software technologies in web application, instrument application software, mobile software, BT/BLE communication software, and embedded software for management and control of implantable medical devices.

**Environment:** HTML5, JavaScript, CSS3, SASS, AngularJS, ReactJS, Redux, Node.js, PostgreSQL, Karma, Jasmine, Bootstrap, Grunt, Play Framework, Git, Rally

**FactSet Systems - Hyderabad, India**

**Software Engineer I** - June 2015 to November 2015

**Projects** – Multiple Projects

**Description:** It is a financial data and software company headquartered in Norwalk, CT, United States. It provides financial information and analytic software for investment professionals. Our project was to design, deploy, and enhance the modules related to COMA.

**Experience:** Worked with a team of 8 developers on the financial data research tool used by internal research analysts globally for the proprietary content. Shared the responsibility of the team in every step of the software development and the responsibility of delivering releases on time with the highest quality.

**Environment:** HTML5, JavaScript, CSS, LESS, Bootstrap, AngularJS, Java, Spring, SQL, Oracle, PostgreSQL, MySQL, Jasmine, Ajax, jQuery, JSON, RPD, Illustrator, Adobe Photoshop, Dreamweaver, Eclipse

**CONTROL+R Technologies - Hyderabad, India**

**Jr. Software Developer -** June 2013 to May 2015

**Projects** – Multiple Projects

**Description:** It is an IT outsourcing company with expertise on web applications, mobility, enterprise applications, data modeling, business logic, UI/UE, augmented reality, B2B/B2C solutions. It has come a long way from being a start-up to becoming an export-oriented Software Development Center.

**Experience:** Created full stack web applications. Worked within small teams on quick deadlines to develop professional web applications following the web standards. Continuously learned through additional training and code review sessions. Improved quality and productivity of output.

**Environment:** HTML, CSS, JavaScript, jQuery, AngularJS, Java, Node.js, MySQL, Tomcat, DOM, XML, DHTML, XHTML, Gulp, Jasmine, Jira, Git, Firebug, Chrome developing tool, Adobe Photoshop, Visio

# Education - Master of Science [Information Technology] | 3.7 GPA | Valparaiso University, USA

# LinkedIn - [www.linkedin.com/in/mahipalr369](http://www.linkedin.com/in/mahipalr369)

**Portfolio -** <https://findthemahi.firebaseapp.com>