**Mahipal Reddy** mahipalr369@gmail.com

**Role: UI Developer** +1(708) 872 5679

* Over 4 years of professional experience in designing, developing, testing and maintenance of Software Development Life Cycle (SDLC) phases of design, development, implementation, deployment, testing and maintenance as per quality standards using **Agile and Waterfall methodologies** using the latest **JavaScript** frameworks like **ReactJS, Node.js, Angular2, Angular JS, jQuery, Bootstrap** in different industries
* Proficient understanding of client-side scripting and JavaScript frameworks including ReactJS, Angular JS/2 and jQuery
* Good experience of using **CSS3, SASS,SCSS, Bootstrap3, 4** in developing **responsive web pages** for rich user experience
* Experience in developing **Responsive Web Design (RWD)**, Cross Browser issues handling and designing table-less layouts and Web Standards
* Hands on experience in **ReactJS,** working with **Redux** and **Flux architecture**, **Webpack module** bundler
* Well versed using **ECMAScript 6, 7** with ReactJS and **transpilation** of **ES6 to ES5** using **Babel, Babel-Polyfill**
* Experience in writing modular, reusable, object-oriented custom JavaScript modules for high volume applications using TypeScript
* Worked on custom modules and widgets using ReactJS/CSS/HTML and made those cross-browsers consistent
* Experienced in working with Node.js and npm modules like http, q, path, express
* Worked with Node.js for the web-services and node package manager, yarn for managing packages
* Performed client-side validations using javascript, **react-validator, redux-form**
* Solid understanding of **React** **Virtual DOM** Algorithm, for React performance optimization
* Exposure in modern JavaScript design patterns like **MVC** and **MV**\*, creating models, binding models with tables, two-way data binding, loading JSON data to the model from the back-end services using REST calls, creating controllers for event handling and working with model components
* Experience in code optimization there by increasing performance of the application
* Worked with Redux middleware like **Redux-Thunk**, **Redux-Saga** and redux-promise-middleware
* Good skills in consuming RESTful Web Services using Node.js at the backend
* Hands-on experience using the version control tools like **Git**, **SVN** and **TFS, VSTS** and project management and used ticketing tools like **JIRA** and **QC**
* Worked with **D3** and **Tableau** for data visualization and react-fusioncharts, chart.js, ReCharts for charts
* Good knowledge in writing queries with **GraphQL**
* Have experience working on with Core Java and Object-Oriented Programming concepts
* Also worked on the front-end development by consuming RESTful API's from backend supported by .NET
* Proficient in working with task runners **Gulp** and **Grunt**
* Experience of **JavaScript minification tools, unit testing** and **deployment procedures**
* Proficient in unit testing frameworks such as **Jest, Jasmine, Karma, Mocha, Junit** in **TDD** environment
* Experience in database design using **PL/SQL** to write Stored Procedures, Functions, Triggers and strong experience in writing queries, using **MySQL** worked on NoSQL Database like **MongoDB**
* Experienced working in both Agile, Waterfall, Kanban and Scrum based development environments, elaborating and estimating user requirements
* Strong problem-solving, logical, communication and organizing skills, with an ability to work in team environment and individually
* Highly Curious about new front-end development technologies and keen awareness of new industry developments and the evolution of programming solutions

**TECHNICAL SKILLS**

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| --- | --- |
| Operating Systems | Windows XP/Vista/7/8/10, Ubuntu, Linux, Mac OS X |
| 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 |
| Version Control | GIT, SVN |
| Database | MongoDB, Oracle 11g/12C, MySQL Server, DB2 |
| IDE, Editors | WebStorm, Notepad++, Visual Studio Code, Net Beans IDE, Brackets, Adobe Dreamweaver, Microsoft Visual Studio, Photoshop |
| Debugging Tools | Firebug, Bugzilla, Chrome Developer Tools |
| Development Methodology | Agile, Waterfall |
| Browsers | Firefox, Chrome, IE, Safari, Opera, |

# PROFESSIONAL EXPERIENCE

**Nova Southeastern University- Fort Lauderdale, FL April 2018 to Present**

**Web Developer**

Project - Event Calendar, FRD, Spaces

**Description:** Nova Southeastern University offers professional degrees in various departments like business, law,  [medicine](https://en.wikipedia.org/wiki/Osteopathic_medicine_in_the_United_States), [pharmacy](https://en.wikipedia.org/wiki/Doctor_of_Pharmacy),  [education](https://en.wikipedia.org/wiki/Education), [nursing](https://en.wikipedia.org/wiki/Nursing). Involved as one of the main developers in the projects like Spaces, FRD, Event Calendar, and AppCentral.

**Responsibilities:**

* Developed client-side interfacing using **HTML5, JavaScript, ReactJS, Redux, SCSS, Bootstrap 4** and backend with **Node.js**
* Redesigned and developed the web-applications from login page to contact page using ReactJS
* Worked with the migration of applications from **Perl to ReactJS** and **Angular JS to ReactJS**
* Used **Redux Architecture** for the management of data flow between the components, state and store
* Implemented **Redux-Form** to manage form state in Redux
* Implemented modules into **Node.js** to integrate with designs and requirements
* Worked with **Essential JS 2** to import default Grids, Tables, Charts, Toolbars, Panels
* Expertise in using **Reactstrap**, **SCSS** for styling the elements with responsiveness
* Worked with the **Moment.js** and imported the date, time objects
* Extensively worked with Reactstrap **Flex**, **Font Awesome Icons**
* Used different Toastr methods in **react-redux-toastr** to display the notifications for the user on the UI
* Expertise in coding in **JSX**, using the latest features of **ES6** and **ESLint** for linting
* Built backend REST API with **Node.js**, **Express.js**
* Experienced in working with **Babel**, **Gulp**, **npm**, **NPM** **scripts**, and **Webpack** in application build and deployment processes
* Experienced consuming **APIs** using **AJAX** and manipulating/consuming JSON objects
* Used **Redux-Thunk** as middleware for asynchronous calls
* 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
* Used **ESLint** for ensuring quality code
* 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, JSON, XML, ES6, Jest, Webpack, Jenkins, JIRA, Git, VSTS

**AutoNation Inc - Fort Lauderdale, FL August 2017 to March 2018**

**UI Developer**

Project – EMT, SEM Microsites

**Description:** It is an automotive dealer company which provides new and pre-owned vehicles and associated services in the United States. The project was about to create webpages for each branch of AutoNation. Also involved in the E-brochure project.

**Responsibilities:**

* 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. Along with that involved in designing web pages for the internal website for work list, branch administration and customer service
* Used React as a framework to create a **Single Page Application** (SPA) which can bind data to specific views and synchronize data with the server using **CSS3, Bootstrap, React** and **Redux**
* Involved in creating reusable UI components to render view pages using **ReactJS** along with **Redux**
* Used **Redux** to manage the whole state. Developed the well-designed store, actions, constants and reducers
* Developed **navigation bar, menu bar, drop down list** with **React** widgets and bootstrap
* 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
* Implemented **React-Router** to navigate between the pages in the single page application
* 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

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

**Medtronic - Minneapolis, MN May 2016 to April 2017**

**UI Developer**

Project - 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.

**Responsibilities:**

* Responsible for designing elegant User Interface by coding in **HTML5, CSS3, Angular JS, ReactJS, Node.js** to build **SPA, Single Page Application**
* Worked closely with UI designers to understand the detailed intuitive UI prototypes and components
* Used **Bootstrap** to make responsive web pages and used **SASS** preprocessors of **CSS**
* Have been involved in **migrating** an application by from **Angular JS** to **ReactJS**
* Used **Redux** along with **React** to develop the application and used **React-Router** to route between the pages
* Implemented react libraries like **react-bootstrap** for styling and **react-validator** for client-side validations
* Created **Authentication Higher Order Component** to authenticate the user
* Involved using **Redux-Thunk**, **Redux-Promise**, **fetch** middleware to get the data consuming API's
* Worked with latest frontend development tools such as **Babel, Webpack, NPM**
* Built **custom directives**, **custom filters, form validations, making controllers, services, factories**, **dependency injection** through various modules
* Used essential features of **Node.js REPL**, exporting and importing various modules, Essential utilities including URL, Events, Crypto, Path, File System and String Decoder
* Extensively used **Grunt** as an associate to Node.js to establish the connectivity between database and client
* Worked on Angular JS with web applications with Model View Controller capability to make development and testing of code efficient using advanced level of jQuery, JavaScript, Angular JS, **LESS** and CSS layouts
* Involved in using **Play Framework** to increase web applications builds performance with Scala
* Developed a RESTful API that provided account management capability as well as security role lookup and management for all downstream dependencies
* Used **Grunt-Task Runner** and **npm-package manager** to install **Node.js** modules
* Worked closely with back-end developers to find ways to push the limits of existing Web technology in service of creating the best possible user experience
* Developed backend interfaces using **SQL, PL/SQL** packages, functions and stored procedures
* Handling **cross-browser/platform compatibility issues** (IE, Firefox, and Safari) on both Windows and Mac
* Used **Jest**, **Karma** as a unit test runner for the application
* Participated in **Agile Development Team** and having **SCRUM** meeting for progress reporting as well as task distributing

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

**FactSet Systems - Hyderabad, India June 2015 to November 2015**

**UI/UX Developer I**

Project - COMA

**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.

**Responsibilities:**

* Web design and development, application development using HTML, CSS, JavaScript and Angular JS
* Strong Experience in dealing with CSS Concepts like CSS Background, CSS Layouts, CSS positioning, CSS text, CSS border, CSS margin, CSS padding, Pseudo classes, Pseudo elements, CSS Animations and CSS Box Model
* Developed user interface using HTML4/5, CSS3, JSON, JavaScript, jQuery, Angular JS
* Worked extensively using CSS and Bootstrap for styling HTML elements
* Responsible for transforming designed mock-ups to web pages
* Involved in development of HTML prototypes and UI deliverables, such as wireframes, flowcharts, screen mock-ups, and interface design specifications
* Worked on basic front-end prototypes and page design with HTML5, CSS3, Adobe fireworks, Adobe flash, Adobe Photoshop, Adobe Illustrator and java scripting, created prototypes based on static and approved wireframes using human factor designs and different layout techniques
* Involved in writing jQuery-based Ajax Requests using **jQuery.get** (url, data, callback, type)**, jQuery.ajax** (options), **jQuery.post** (url, data, callback, type)and **jQuery.get** (url, data, callback, type)
* Wrote application level code to interact with the backend databases jQuery AJAX and JSON
* Applied jQuery scripts for basic animation and end user screen customization purposes
* Used to update the HTML pages using jQuery AJAX via JSON response
* Hands on experience on bridging the gap between UI developers and ATG Java Developers
* Oversaw the designing and development of Web pages using Spring Frame work, PHP, HTML, CSS, Node.js, including Ajax controls and XML
* Used AJAX and JSON to make asynchronous calls to the project server to fetch data
* Fixed the issues filed by the QA team in **RPD**
* Utilized Agile and Scrum methodologies to develop the application

**Environment:** HTML5, CSS, JavaScript, SASS, LESS, Bootstrap, AngularJS, Node.js, Jasmine, Spring, Ajax, jQuery, JSON, RPD, Illustrator, Adobe Photoshop, Dreamweaver, Tomcat, Eclipse

**CONTROL+R Technologies - Hyderabad, India June 2013 to May 2015**

**Jr. UI/UX Developer**

Project – 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 has come a long way from being a start-up to becoming an export-oriented Software Development Center.

**Responsibilities:**

* Involved in Development, Maintenance and Testing phases of Software Development Life Cycle (**SDLC**)
* Used **Agile** and **Waterfall** methodologies and participated in SCRUM and daily standup meetings
* Created conceptual diagrams, visual mock-ups using Wireframes and managed detailed user interface specifications
* Worked on wireframes tools like Wireframe.cc and InVision
* Developed User Interface (UI) Applications and professional Web Applications using Web Standards, HTML, CSS, **Angular JS, Node.js, jQuery, jQuery plugin, Bootstrap3, Ajax** Concepts and CSS3 Media Queries
* Designed dynamic and multi-browser compatible pages using **HTML, CSS, jQuery, Angular JS and JavaScript**
* Developed **HTML** prototypes and ready **XHTML** documents with **CSS** style sheets
* Designed graphic objects, animated icons, templates, banners and vector images with Adobe Photoshop and Adobe Illustrator CS5
* Implemented Client-Side validations in registration forms, login and logout forms using JavaScript
* Involved in writing **jQuery-based Ajax** requests using **jQuery.get,** **jQuery.ajax** and **jQuery.post**
* Hands-on expertise in developing Angular JS 1.x features like Directives, Controllers, Filters, Services
* Implemented Angular JS 1.x controllers to maintain the data present in each view. Implemented Angular JS service calls using Angular JS 1.x factories
* Wrote code to implement Ajax based application by fetching the response from backend API as a part of XML
* Used angular directives **ng-show, ng-hide,** **ng-animate** for dynamic loading and support for animation
* Used Node.js as a proxy to interact with Rest services and interacting with the database
* Worked with **JIRA** for issue tracking by creating user stories, sprint plans and task distribution
* Used **Gulp** task runner to automate the repetitive tasks such as Linting, unit testing, concatenation
* Used **Jasmine, Karma** frameworks to test the smallest units of javascript code and **GIT** for tracking the flow of user stories
* Tested the Web application for Cross Browser Compatibility across the browsers like Firefox, Opera and Google Chrome, IE 6.0 and above

**Environment:** HTML, CSS, JavaScript, jQuery, Angular JS, Backbone.js, GruntJS, Node.js, DOM, XML, DHTML, XHTML, Gulp, Jasmine, Jira, Git, Firebug, Chrome developing tool, Adobe Photoshop, Visio

# RELATED ACADEMIC PROJECTS

**Dynamic Routing Optimization (JAVA, MYSQL, IDE: MyEclipse)**

* Designed and developed routing optimization application implementing PUNCH algorithm
* PUNCH algorithm has two phases. The first phase performs a series of minimum-cut computations to identify and contract dense regions of the graph. This reduces the graph size significantly but preserves its general structure. The second phase uses a combination of greedy and local search heuristics to assemble the final partition.
* The algorithm performs especially well on road networks, which have an abundance of natural cuts (such as bridges, mountain passes, and ferries). In a few minutes, it obtains the best-known partitions for continental-sized networks, significantly improving on previous results.

# Virtual classroom (JAVA, MYSQL, IDE: NetBeans)

* Developed a software with concurrent access by teachers and students. A login page for teacher and student was created on the same. Teachers could upload their notes, assignments of various subjects
* FAQS and doubts were cleared in doubts forum. Video chatting was also incorporated.

# Sentiment Analysis of Baseball League (JAVA, NoSQL, IDE: MyEclipse)

* This Project involves performing sentiment analysis on Major League Baseball (MLB) by analyzing twitter data of 10 teams by comparing the words in their tweet against a lexicon of words and their likelihood to be positive/negative polarity on that respective team.
* It’s represented using graphs and their trending words in word cloud.

# EDUCATION

Master of Science [Information Technology] Valparaiso University, USA GPA: 3.7

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