# SREEHARI YARRA

*SrFullStackDeveloper(MERN)* [*Saikrishna@meridiansoft.com*](mailto:Saikrishna@meridiansoft.com)

*+1(380)-388-3683*

# ProfessionalSkills



* Around10yearsofexperiencein**SoftwareDesign,Development**and**Testing**.Expertiseindesigning and developing web applications.
* Extensiveexperiencedevelopingmicroservices,high-performance,scalableandrobust**RESTFul**

applicationsusing**NodeJs**,**ExpressJs**,**Loopback.io**,**WebSockets**,and**Socket.io.**

* Experiencedinresponsivedesignanddevelopingasingleresponsivewebsitethatcouldbeservedto desktop, Tablet and mobile users using **React.js**.
* WorkedwithFunctionalProgramming,microservices,Object-Orientedprogramming,andother paradigms with **JavaScript - ES5/ES6**.
* Node.jsasdeployedonLambdaalongwith**DynamoDB/S3/EC2**
* experienceindeployingwebappsonthe**Heroku**platform.
* GoodUnderstandingandExperienceinRESTfulAPIdesign,microservicesanddevelopment
* GoodinClient-Sidedesigningandvalidationsusing**HTML5,CSS**and**JavaScript**.
* Real-TimeMessagingSystemwithKafka,RabbitMQandSocketIO
* Hands-onexperiencewith**EC2,ECS,ELB,EBS,S3,VPC,IAM,SQS,SNS,Lambda,CloudWatch**and

## Autoscaling.

* Experienceindesigningandarchitectingserverlesswebapplicationsusing**AWSLambda**,**API Gateway**, **Dynamo Db** and **Security Token Service(STS)**.
* Implementedload-balancingwith**NGINX**toallowdozensofNodeJSinstancestohandlethousandsof concurrent users.
* Understandingandgoodexperiencewith**Object-OrientedJavaScript**and**Implementation**.
* Workedonwritingthe**unittestcases**andincreasingthetest**coverage**.
* Extensivelyworkedon**agilemethodology**.
* Implementedmicroservicesusing**NGINX**,**NodeJS**,**ExpressJS**,**MongoDB**,and**PostgreSQL**.
* Experienceworkingwithawiderangeofapplicationsinallphases.
* Workedinvariousversioncontrolsystems-**SVN,GIT&TFS**.
* ExperienceindesigningUserInterface(UI)applicationsandprofessionalwebapplicationsusing

## Angular,React,Redux,Redux-thunk,JQuery,NodeJS,Bootstrap,andResponsivedesigning.

* Extensiveexperiencein**Redux**tomanagetheapplicationstateandapplyingmiddlewaresuchas

## redux-saga,andredux-thunk.

* Extensiveexperiencein**GraphQL**alongwith**Apollo-Client**aquerylanguageforyourAPI.
* Experiencedinconfiguring**Jenkins**pipelinesfor**CICDinAzure**.
* WorkingwithtestersandDevOpsengineersfortestinganddeployingwebapplicationsonthe**Heroku**

platform,andAzure

* Experiencedinusing**Webpack**tobundleJavaScriptfiles.
* Hands-onexperienceusing**d3.js**,**three.js.**

# TechnicalSkills

**OperatingSystems:**Windows7,8,10,MacOS,Linux.

**ProfessionalLanguage:**Node.js(RESTAPI),ExpressJs,JavaScript,Typescript,NoSQL

**WebTechnologies:**HTML5,CSS3,JavaScript,Angular14, ReactJS,Redux,Redux-thunk,GraphQL,Socket.io, jQuery.

**ProjectTrackers:**AzureboardsandJIRA.

**Databases**:SQL,MongoDB,PostgreSQL,Redis

**DevOpsTools:**Jenkins,Dockers,Heroku**,**Nginx,GitHubActions.

**OtherTools:**Junit,LoadRunner,Jenkins,Postman,Azure.

# ProfessionalExperience

**Discover** Mar’2023 - Present

FullStackDeveloper

## Responsibilities:

* Experiencein**NodeJs**anddeliveredthe**APIs**inExpressJs&playedakeyrole.Thorough understanding of API design and **GraphQL**with **Apollo-Client**.
* Implementedmicroservicesusing**NGINX**,**NodeJS**,**ExpressJS**,and**PostgreSQL**.
* Workedonwebapplicationsfromscratchusing**Angular**todevelopsingle-page applications.
* Wehaveimplemented**store,actions**and**reducers**fortheinteractionsbetween**Redux**and**React**.
* Implemented**redux**middlewareusing**redux-thunk**for**Apisintegrations**
* ExperiencewithwebservicesAPIintegration**GraphQL**.
* WritingandImplementingunitTestswiththeJ**EST/Reacttestinglibrary**.
* Expertin**NodeJs**andframeworkssuchas**Express**,**LoopBack**etc.
* Experienceonthe**AWS**platforminmanagingDockercontainers.
* UserauthenticationandauthorisationBy**Auth2.0**betweenMultipleSystems,Serversand Environments.
* Proficientunderstandingofcodeversioningtools,suchas**Git**.
* MaturingDesignandDevelopmentpracticessuchas**CI/CD**in**GCP,Jenkins**etc.
* KnowledgeofvariousSDLCmethodologies**Agile**
* Design,buildandmaintainefficient,reusable,andreliablecodesbysettingexpectationsandfeature priorities throughout the development lifecycle.

**Environment:**HTML5,CSS3,JavaScript,JIRA,React,GraphQL,KafkaStreams,Node.js, Docker, PostgreSQL, Kubernetes, Heroku**,** OpenShift, Jasmin.



**LTIMindtree** Aug’2019-Mar’2023.

SrSoftwareDeveloper-Lead

## Responsibilities:

* Experiencein**NodeJs**anddeliveredthe**APIs**inExpressJs&playedakeyrole.Thorough understanding of API design and **GraphQL**with **Apollo-Client**.
* Expertiseintheimplementationof**RESTFUL**webserviceAPIsusing**Express.js**.
* Workedonwebapplicationsfromscratchusing**Angular**todevelopsingle-page applications.
* Wehaveimplemented**store,actions**and**reducers**fortheinteractionsbetween**Redux**and**React**.
* Implemented**redux**middlewareusing**redux-thunk**for**Apisintegrations**
* Understandingofasynchronousrequesthandling,andpartialPageUpdates.
* ExperiencewithwebservicesAPIintegration**GraphQL**.
* Writing andImplementingunitTestswith**JEST/Reacttestinglibrary**.
* Expertin**NodeJs**andframeworkssuchas**Express**,**LoopBack**etc.
* Experienceonthe**AWS**platforminmanagingDockercontainers.
* Kubernetesisusedtoorchestratethedeploymentandmanagementof**DockerContainers**.
* UserauthenticationandauthorisationBy**Auth2.0**betweenMultipleSystems,Serversand Environments.
* Proficientunderstandingofcodeversioningtools,suchas**Git**.
* MaturingDesignandDevelopmentpracticessuchas**CI/CD**in**GCP,Jenkins**etc.
* KnowledgeofvariousSDLCmethodologies**Agile**
* Design,buildandmaintainefficient,reusable,andreliablecodesbysettingexpectationsandfeature priorities throughout the development lifecycle.

**Environment:**HTML5,CSS3,JavaScript,JIRA,React.js,GraphQL,KafkaStreams, Node.js, Docker, PostgreSQL, Kubernetes, Heroku**,** OpenShift, Jasmin.

**Monocept** Mar’2017-July’2019

SrSoftwareEngineer-Lead

## Responsibilities:

* Workedonwebapplicationsfromscratchusing**React JS**todevelopsingle-pageapplications.
* Designedanddevelopedthelayoutoftheapplicationusing**HTML5,CSS/CSS3**,and**Bootstrap**.
* Wehaveimplemented**store,actions**and**reducers**fortheinteractionsbetween**Redux**and**React**.

## WorkedusingReactnativecomponents,Forms,Events,Keys,Routers,Animations,andFlux

concepts.

* Workedwith**Javascript(ES5/ES6)**onclosures,**prototypes**,**hoisting**,blockscoping,**spread**, **destructuring**, **rest, classes, promises, iterators, generators**, etc
* Applied**redux**middlewareusing**redux-thunk**.
* Createdafull-stackprojectusing**Loopback(Node.js)**asthebackend.
* Developedbackendwebservicesusing**Loopback.io**andstoreddependenciesusing**NPM**.
* Created**Angular6**controllers,factories,filters,**Routers**,and**services**.
* Expertiseintheimplementationof**RESTFUL**webserviceAPIsusing**Express.js**.
* DebuggedandloggedusingChromedevelopertools,configuredthetestenvironmentusing

**Karma**,andwroteunittestsusing**Jasmine**.

* Adopted**Git**forversioncontroland**JIRA**forprojecttracking.
* Used**Webpack&NPM**,Bowerforpackagemanagement.
* Used**agile**methodologyforthesoftwaredevelopmentlifecycle.
* Used**Gulp**asthebuildtaskrunnertobuildandpackagetheapplication.
* Responsibleforchecking**cross-browsercompatibility**andworkedondifferentbrowserslike Internet Explorer, Firefox, and Google Chrome.
* Participatinginthe**SprintPlanning**and**UserStoryGroomingsessions**andsuggestingcan-doand cannot-do in each Sprint.

**Environment:**HTML5,CSS3,AJAX,JavaScript(ES5/ES6),JIRA,Bootstrap,AWS(ec2,SES,S3,lambda), Kafka Streams, React,Angular, Ionic, Redux, Redux-thunk, Node.js, NGINX, MongoDB, Git, Kubernetes, Karma, Jasmine.

**CallHealth Services** Dec’2016- Feb’2017

SoftwareDeveloper

## Responsibilities:

* Involvedindevelopingfront-endapplicationsusingwebtechnologieslike**HTML/HTML5,and CSS/CSS3**.
* Involvedinmakingtheapplication**Responsive**using**Bootstrap**,andusedLESSpreprocessor
* Developedapplicationsin**Angularjs/2/4**and**Bootstrap**anddeployedthemintodevelopment, test, and production environments successfully.
* Used**Angular**tobuildtheUIcomponents,anddevelopedfilterstodisplaydifferentdimensionsof data and font size modifiers.
* Developedhigh-performancewebapplicationsusing**JavaScript**,**HTML5/XHTML,CSS,jQuery,**

and**Angular**.

* Builtahigh-performance,reusablecodelibraryforUIandbackendcomponents.
* Used**Kubernetes**toorchestratethedeployment,scalingandmanagementof**DockerContainers**.
* Implementedmodulesinto**NodeJS**tointegratewithdesignsandrequirements.
* DevelopedWebAPIusing**Loopback(NodeJs)**andhostedonmultiple**load-balanced**API instances.
* Workedheavilyon**AWScloud**resourcestobetterachievealowercostandhigher performance/uptime.
* Developedformvalidationsutilizing**AngularJS**messagesmodules.
* Implemented**reusabletemplates**withJavaScripthandlebarsandgenerated**layouts**.
* DevelopeddatavisualizationtoolsusingAlgorithmicProgramming,**WebSockets,JSON,andAJAX** for market sentiment indicators, live streaming price panels, live events countdown widgets, and economic calendars.
* UsedGitforversioncontroland**JIRA**fordefecttracking.
* Involvedinthe**Agile**process,monthlySprints,anddailyScrumstodiscussthedevelopmentof the application.

**Environment:**JavaScript,Angular,Ionic,Kubernetes,Loopback,KafkaStreams,Express,SVN,JIRA

**Care Health Insurance** Dec’2015-Nov’2016

SoftwareDeveloper

## Responsibilities:

* Implementedthefrontendusing**JSP,XHTML,DHTML,XML,CSS,ReactJS,Bootstrap,and Javascript**and used **AJAX** for dynamic web content.
* ExperienceindevelopingReactcomponentsforpartnerhomepagesusing**ReactJS.**
* Involvedindevelopingthefrontend(UI)oftheapplicationusing**angularJS,JavaScript,JQuery, HTML5,** and **CSS3**.
* AngularJStemplatingusesacombinationofcustomizable**HTML**tagsandexpressions.
* Designedvariousroutingmechanismsandimplemented**HTTP**functionalityin**AngularJS**to retrieve data from web servers.
* Managepaymentpostingprocessincludingverifyingerrorsandperformingresolution.
* Used**Node.js**torunWebpacktasksandbuildtheproject.
* ImplementedmodulesintoNodeJStointegratewithdesignsandrequirements.
* Experienceonthe**OpenShift**platforminmanaging**Dockercontainers**and**KubernetesClusters**.
* Experiencewith**AWS**accessedoverHTTPusingtheRESTarchitecturalstyle.
* DevelopmentofatestenvironmentonDockercontainersandconfiguredthe**Dockercontainers**

usingKubernetes.

* Customizedthe**Node.js**servertopickthelocalPackage.jsonandruntheapplicationswithout changing the local paths and variables.
* ImplementedUIcomponentsandvalidationsusing**JQuery**libraries.
* UsedAngularforcreating**reusableUIcomponents**
* UsedNodeJStorunGrunttasksandbuildproperlytheproject(**compile**,**minify**,**concat**,etc.)
* UsedAWSforprovidingonlineservicestootherwebsitesandclient-sideapplications.
* Developedtheclientinterfaceforback-officebolsterandworkedcooperativelyinthe**Agilescrum** group on the outline and improvement of a based MVC system utilising**AngularJS 2.0, HTML 5.0** and **CSS3**
* UsedAWSforprovidingonlineservicestoclient-sideapplications.
* InvolvedinthedevelopmentofFunctionsandtriggersforPL/SQLbackendimplementation,and involved in Performance tuning.

**Environment:**Angular,JavaScript,StrongLoopforAPIDevelopment,Kubernetes,JQuery,ReactJS, NodeJS, HTML

**Yitsol Pvt Ltd** Oct2012- Nov’2015

IT Engineer

## Responsibilities:

* Developedthefrontendusing**HTML**,and**JavaScript**.
* Developedthevalidationsbyusing**Javascript**.
* WroteJavaScriptand**jQuery**tomakesitesinteractive.
* WrotecodetoconsumetheJSONdataasapartofjQuery,andAjaxcallsandupdatedthe**DOM**.
* InvolvedinthedesignanddevelopmentofpresentationandweblayersbasedonMVC Architecture.
* Developedclient-sidevalidationscriptsusingJavaScript
* DesignedUIModulesinterfacesusing**AJAX**controlslikepaginations,andDatepickermodules using Data Picker Widget.
* Developedthe**CascadingStyleSheets(CSS)**,whichgivestheentiresiteadynamiclook.

**Environment:**HTML,JavaScript,jQuery,CSS,JSON,Ajax

# Education:

* Bachelor'sfromJawaharlalNehruTechnologicalUniversity,2012.