**Lokesh Nataru**

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**Summary**

* Around 10 years of experience in Front end development, proficient in React, Node.js, React Native, JavaScript, TypeScript, HTML5, CSS3, SASS/LESS, webpack, GIT, NPM, jQuery, JSON, AJAX, ASP.Net.,
* Hands-on experience in SPA development using MVC.Netpattern, React-Router, Web Content Accessibility Guidelines (WCAG) compliance, and W3C web standards application.
* Cross-browser compatibility testing (Mozilla Firefox, Google Chrome, Safari, Internet Explorer)., ASP.Net 4.5/4.0/3.5/3.0, C, MVC. Net4/3, ADO.NET, XSLT, Entity Framework, LINQ, SSRS.
* Windows Communication Foundation (WCF) for Service-Oriented Architecture (SOA), Node Package Manager (NPM) for Restful API mock-ups.
* Designing and developing UX for Web Applications using tools like Adobe XD, Sketch, Figma, Zeplin, and Invision.
* Experience with middleware using Redux-thunk, Redux-Saga, Redux-logger, Universal React Redux and ReactJs frameworks.
* Proficient in writing efficient code in ES6 and React for SPA development and developing Isomorphic applications using ReactJs, Redux, GraphQL.
* Server-side scripting with Node.js, Express.js, and Rest API creation connected to MongoDB and DynamoDB.
* Worked on Business Requirements Document (BRD), Functional Specifications Document (FSD), System Requirement Specifications (SRS).
* Implemented Responsive Web Pages using Media Queries, Bootstrap, and sketching/rendering, leveraging Reacts modular design.
* Fostered a culture of continuous improvement by implementing Agile Scrum practices, regularly reviewing, and adapting processes for enhanced efficiency.
* Build cross-platform mobile apps for IOS and Android on React native based on given business concepts.
* Test-Driven Development (TDD) with frameworks like Jasmine, QUnit, Karma, Mocha, and Protractor and used CI/CD tools such as Jenkins and configured/deployed instances on AWS.
* Constructed elegant UIs using libraries using Bootstrap, Scss, Post CSS and Tailwind CSS and integrated on page SEO and Styling with SASS, Native Base, Inline JSX styles, Styled Components, Material-UI.
* Installed node modules such as loadash, react-bootstrap, Enzyme, Mocha, Jest, Chai, babel, and node-sass.
* Applied the latest development approaches, including MVC .Net framework in the browser, event-driven applications using AJAX, Object-Oriented (OO), JSON, and XML.
* Proficient in version control tools like GIT, GitHub, Bitbucket, GitLab, and SVN and used GIT Enterprise, NPM, and Yarn for JavaScript package management.
* Developer various microapps and components for the frontend using React.js and various predefined components from Client’s story book, NPM and Redux library.
* Experience in building object-oriented software using Design Patterns, Domain Driven Design (DDD), Test Driven Development (TDD) and SOA.
* Experience with debugging and troubleshooting tools such as Firefox’s Firebug, Google Chrome’s developer tools and Internet explorer developer tools to resolve issues.

**Technical Skills**



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| **Programming Languages** | Java script (ES6), Typescript C, JAVA, ASP.NET, J2EE, SQL, C# |
| **Web Technologies** | HTML 5, CSS3, JSON, Node.js, React native . |
| **Libraries and Frameworks** | React Query, Bootstrap, jQuery, AJAX, Node.js, ReactJS, React Native, JSON, SASS/LESS, Material Design, Redux, SoapUI, Next JS |
| **Editors/IDEs** | Visual Studio Code, Visual Studio, IntelliJ IDEA, WebStorm, Android Studio, Xcode |
| **Databases** | My SQL, MongoDB, Cassandra, RDBMS, XML, DBeaver, SSMS (SQL Server Management Studio), GraphQL, Dynamo DB |
| **Operating Systems** | Windows, Mac OS, Unix |
| **Version Controls** | Git**,**GitHub**,**Bitbucket**,**GitLab**,**Azure DevOps**,**AWS Code Commit |
| **Methodologies** | Agile, Scrum, Kanban, Design Systems, Component Driven Development (CDD), Test Driven Development (TDD), Jenkins |
| **Testing Frameworks/Frameworks** | Jasmine, Karma, Jest, Enzyme, React Testing Library, Mocha, Cypress, Spring boot, Hibernate, Spring Data GPA, Sopa UI |
| **Designer, Design Tools** | Visual Design, web design, web development, Mobile GUI Design, Tablet GUI Design, Flash, 3D Studio Max |
| **Prototyping Tools:** | Sketch, Adobe XD, Figma, Zeplin |
| **Build Systems:** | Gulp, Grunt, Brunch |
| **Project Management and Issue Tracking:** | JIRA, Azure DevOps |
| **Monitoring tools** | Splunk, TOAD |
| **Programming Languages** | Java script (ES6), Typescript C, JAVA, ASP.NET, J2EE, SQL, C# |

**Work Experience**

**Caterpillar, Dallas, TX Oct 2023 – Till date**

**Lead React JS Developer**

* Developing high performance customer facing e-commerce application using HTML5, CSS3, JavaScript, ReactJS, React-Hooks, React-Router-Dom, Redux, React Native, Mongo DB, Adobe.
Cloud Technologies Docker, Kubernetes, OpenShift, Devops AWS CI/CD tools like Jenkins, EC2, S3, RDS, SQS, Worked as per Agile Methodology
* Implemented various screens for the front end using React JS, React Native and used various predefined components from NPM (Node Package Manager).
* Maintained an existing React, Redux, jQuery, Angular JS based application.
* Developed application with React, Redux, JSX and Webpack.
* Developed API for using AWS Lambda to manage, trigger servers and run the code in the AWS EC2 instances.
* Deploying docker images as a Fargate in AWS.
* Worked extensively with AWS services like EC2, S3, VPC, ELB, Autoscaling Groups, Route 53, IAM, CloudTrail, CloudWatch, CloudFormation, CloudFront, SNS, and RDS.
* Built an enterprise level single page application (SPA) using MEAN stack: Mongo DB, Express, react and Node.js v4.
* Created a mock UI webapp in Angular 11 to demonstrate microservices and designed and developed the authenticating portal using framework Angular 8 along with HTML5, CSS3 and Type Script.
* Created React JS components using JSX, Followed Redux Architecture for unidirectional data flow and manage your data in React and Make HTTP requests in React & Redux
* Designed Frontend with in object oriented JavaScript Framework like AngularJS, React JS and Ext.JS.
* Developed mobile applications using technologies like React Native and Flutter
* Used Express Framework to set up middleware to respond to HTTP requests with the help of Node JS.
* Used Node.js MongoDB and node package manager for installing dependencies and to run the application in a web server in staging environment.
* Worked in using React JS components, Forms, Events, Keys concept.
* Developed real time tracking of class schedules using Node JS (socket.io based on socket technology, Express JS framework).
* Worked in using React.JS components, Forms, ReactNative components Events, Keys, Router, Animations and Flux concept.
* Created a mock UI webapp in Angular 8 to demonstrate microservices and designed and developed the authenticating portal using framework Angular 8 along with HTML5, CSS3 and Type Script.
* Experience in creating comprehensive web applications using MEAN stack implemented with MS SQL, Express, Angular and Node.js, Java18, 19.
* Assisted Back-End team with creating RESTFUL Web Services using Node.js & Express.js
* Experience with Docker and Kubernetes on AWS, from helping developers build and containerize their application (CI/CD) to deploying either on public or private cloud.
* Focused on architecting NoSQL databases using MongoDB.
* Designed and development of User Interfaces, tables using HTML5, CSS3, JavaScript, jQuery, JSON, Bootstrap, XML, Node.js, React.js, and Typescript, ReactNative Angular 12.
* Worked on administration of EC2, AWS CLI for loading the data from S3 and scheduling it on daily basis.
* Involved in implementing test cases using Jasmine and Karma to test React controllers and services.

**Nokia |** **Dallas, TX Aug 2022 – Sep 2023**

**Sr React Developer**

* Developing high performance customer facing e-commerce application using HTML5, CSS3, JavaScript, **ReactJS**, **React-Hooks**, **MobX, AngularJS**.
* Developing custom components for UX library consisting of Accordion, Address-fields, Selectors, Filters, Overlay.
* Used **Bootstrap** and **React** to create Controllers to handle events triggered by clients and send request to server.
* Deploying **docker** images as a Fargate in **AWS**.
* Created **Docker** containers and **Docker** consoles for managing the application life cycle.
* Worked with **Passport and JSON Web Tokens** for authentication and authorization security configurations using **Node JS.**
* Worked with **npm commands using package.json** for managing dependencies and dev-dependencies of **Node JS** applications.
* Worked in MEAN stack advancement (Mongo DB, Couchbase DB, Express.JS, Angular 11 & Node.JS).
* Developed user interface by using the React.JS, ReactNative, Flux for SPA development.
* Hands-On experience in **Backbase portal and Widget development**.
* Strong knowledge on **Backbase customer experience manage, CXP**.
* Hands-On knowledge on **Backbase integration service**, **content service and orchestration**.
* Leveraging kops implemented a **Kubernetes Container Orchestration** solution within AWS allowing for easy management, **creation, and recovery of AWS assets.**
* Implemented complex applications using **MongoDB** to speed up the query.
* Used Spring Core Annotations, Spring **MVC** for Rest **API’s**, **Spring Boot** for **Microservices** and Spring Batch for running batch jobs.
* Used **React-Router** to turn application into **Single Page Application**.
* Implemented various screens for the front end using **React** JS and used various predefined components from NPM.
* Created client website running on a Node Js, using the Express framework, Jade, AngularJS and Backbone.js for front end MVC/templating.
* Developed **Hibernate** with **Spring Integration** abstraction to interact with database of **MongoDB**.
* Created data as a service based **Restful** web service with **Mongo DB** data store running on **Tomcat 9**.
* Used **React JS** for templating for faster compilation and developed reusable components.
* Used **REST** web service to exchange ajax data between applications over HTTP.
* Created standards based, responsive prototypes using the Foundation framework with HTML5, CSS Media queries template.
* Worked with Express.js for development of RESTful web services and middleware configurations.
* Developed application with **React, Redux**, JSX and Webpack.
* Worked with **GIT** Version control.
* Developed build script using maven to build, package, test and deploy application in application server.
* Involved in implementing test cases using Jasmine and Karma to test angular controllers and services.

**Environment: HTML, CSS, JavaScript, React, Angular, Redux, Spring, Maven, Typescript, web pack, babel**.

**TCS – Apple |** **Austin, TX July2021–Aug 2022**

**Full Stack Software Developer**

* Developed and designed application using **HTML 5**, **CSS 3**, Material UI styed components, **React.js**, **Redux.js**, Node.js.
* Used **Moment.js** to parse, validate, manipulate, and display dates and times in JavaScript.
* Used CI/CD tools **Jenkins, Git** and **Docker** registry for configuration and automation.
* Used Domain Driven Design(**DDD**) and Test Driven Development(**TDD**) approaches to support the project and developed and application in android.
* Applied **TDD** and **BDD** methodologies using **Ruby** and **Cucumber** to ensure software components integrate without errors.
* Worked with Express.js for development of RESTful web services and middleware configurations.
* Worked with **React router native flux** for routing configurations.
* Used Jenkins and pipelines to drive all microservices builds out to the Docker registry and then deployed to **Kubernetes**, Created Pods and managed using **Kubernetes**.
* Worked with **Node JS and express JS** for development of **RESTful** web services.
* Worked with **Node JS** to integrate with databases like **MySQL and MongoDB.**
* Worked with **Passport and JSON Web Tokens** for authentication and authorization security configurations using **Node JS.**
* Worked with **npm commands using package.json** for managing dependencies and dev-dependencies of **Node JS** applications.
* Implemented load balancing with **Nginx** to allow **Node JS** instances to handle a large number of concurrent users.
* Developed UI and pagination using React.js and Node.js.
* Used **Bootstrap** and **React** to create Controllers to handle events triggered by clients and send request to server.
* **Kubernetes** is being used to orchestrate the deployment, scaling and management of Docker Containers.
* Involved in using **React.js** with **Redux** to separate the data and presentation layer to handle the state and update the UI utilized **Redux store**.
* Used **React JS** for templating for faster compilation and developed reusable components.
* Used **REST** web service to exchange ajax data between applications over HTTP.
* Created standards based, responsive prototypes using the Foundation framework with HTML5, CSS Media queries template.
* Deployed Spring Boot based **Microservices Docker** container using **AWS** EC2 container services and **AWS** admin console.
* Worked on Unit testing JavaScript applications using **Mocha** and **Chai**.
* Worked with **GIT** Version control.
* Developed build script using maven to build, package, test and deploy application in application server.
* Involved in implementing test cases using Jasmine and Karma to test angular controllers and services.

**Environment: HTML, CSS, JavaScript, React, Angular, Redux, Spring, Maven, webpack, babel**.

**Credit Suisse | San Francisco, CA July 2019 – June 2021**

**Frontend Software Developer**

* Maintained an existing **React**, **Redux**, jQuery, Angular JS based application.
* Developed application with **React, Redux**, JSX and Webpack.
* Experienced in developing a user interface application using **HTML5**, **CSS3**, SASS, JavaScript, **TypeScript**, React, **Angular 9** and Node JS.
* Migrated with **AngularJS** with **Angular 9**.
* Focused on architecting NoSQL databases using **MongoDB**.
* Worked with **Angular9** directives, components, and services.
* Implemented **REST** web services to explore the middleware services using express in node.js.
* Worked on creating **Docker** images, Containers, push/pull and on integration with **Spring Boot**.
* Involved in writing **Spring Boot application**.
* Worked with implementation of Rest web services with **Spring** Boot.
* Worked on application backend implemented as **Node** JS express application server. Developed REST services, integrated with databases, Configured build tools.
* Worked with **GIT** Version control.
* Developed build script using maven to build, package, test and deploy application in application server.
* Involved in implementing test cases using Jasmine and Karma to test angular controllers and services.

**Environment:** HTML, CSS, JavaScript, TypeScript, Angular, React, Visual Studio, EJB3, Maven, webpack, babel.

**Ebay | San Jose, CA January 2017- June 2019**

**React JS Developer**

* Design to develop an application using HTML5, CSS3, Bootstrap, jQuery, Backbone JS, React JS, Node JS, React Native.
* Developed a Mobile application for android and iOS with **React Native**.
* Developed user interface by using the **React** JS, React Router for SPA development. Worked with Redux for state management of React application.
* Used **Node** for developing REST web services using Express and integrating with Mongo db.
* Worked with Micro Services and Web Services using Spring Boot.
* Developed service layer to handle the Business logics using EJB3 as well as Database transaction.
* Deployed the application in Production environment.
* Designed **REST** APIs supporting JSON that allow sophisticated, effective and low-cost application integration.
* Worked in using **React** JS components, Forms, Events, Keys, Router, Animations and Flux concept. Created React.js components using JSX, followed FLUX design pattern for unidirectional data flow.
* Used React-Router to turn application into Single Page Application.
* Used jQuery to traverse through a DOM tree and manipulated the nodes in the tree. Implemented the Drag and Drop functionality using jQuery framework.
* Handled client-side validation using JavaScript and jQuery.
* Worked with **Enzyme**, mocha, chai, **React** test utils for unit tests for the application.
* Extensively used Git for version controlling and regularly pushed the code to GitHub.
* Maven is to Build, tool configuring for automation of building process for all types of environments- Test, QA and Production.

**Environment: Html 5, CSS 3, JavaScript, ES2015, React, React Native, EJB3, webpack, babel, enzyme, mocha, chai.**

**Software Developer June 2015- Sept 2016**

**DPS Infotech**

* A front-end application is designed with user interactive web page in formal way in which we use the technologies like HTML, CSS, Bootstrap, JS, Angular, React, Node JS.
* Worked with **Angular JS** factories, services, filters, directives, controllers, components, integration with backend using AJAX with $http. Used promise chaining concepts from .
* Worked with Express for development of REST web services.
* Used Node and npm modules.
* Used Grunt as a task runner. Configured minfication, SASS preprocessor to CSS, test runner with Karma.
* Used jasmine, Karma for test cases in AngularJS.
* Developed custom directives, controllers, views and filters using Angular JS architecture.
* Implemented 2-way data binding and used ng-filters across the application.
* A single page application is implemented using Angular JS application.
* Used jQuery, a cross browser JavaScript library to dynamically add the items to a request on the client side. Developed a mobile application with phone gap.
* Used AJAX to provide an advanced user experience.
* Implemented GUI pages by using JSP, JavaScript, CSS and HTML.
* Used Eclipse IDE tool.
* Worked as a SAP ABAP development team.
* Written SQL queries to insert update the database and used JDBC to invoke Stored Procedures.

 **Environment: HTML, CSS, JavaScript, Bootstrap and AngularJS.**