**Nitesh**

<https://www.linkedin.com/in/nitesh-kumar-vudutha/>

uinitesh2@gmail.com|+1 970 500 8418

**PROFESSIONAL SUMMARY:**

* **Around** **10 years** of experience in all the phases of Software Development Life Cycle Methodologies like **Requirement Analysis**, **System Design**, **Implementation**, **Testing** and **Deployment** of the **Web Apps**, **Client-Server** and **3-tier** **applications** in **Agile** **environment**.
* Experience on up to date advance web development technologies **AngularJS**, **NodeJS**, **Express.js**, **React**, **Redux**, **MongoDB**, **NPM**, **GIT**, **Heroku**, **Web** **Sockets**, **Socket.io**, **ES6**, **JavaScript**, **Bootstrap**, **CSS3**, **HTML5**, **Ajax**, **MVC**, **JSON** and **Amazon Web Services** etc.
* Experience in designing and developing **web applications** using **Java8**, **JDBC**, **SQL**, **Servlets**, **JSTL**, **JSP**, **MXL**, **Java-API** and **spring**.
* Experience in working on **Angular** **custom** **directives**, **reusable components**, **Angular** dependency injection concepts using **modules**, **factory** and **service**.
* Experience in User Experience development, User Interactive (UI) Web Pages and visually appealing User Interfaces using **HTML 5, CSS3, Bootstrap, SASS,** JavaScript, JQuery, **Vue.js**, **Angular.js, Angular 2/4, Typescript, Node.js and React.js**.
* Experience on integration of **RESTful** **API** using **Angular** $**http** and **$q**.
* Created reusable components and services to consume **REST API's** using Component based architecture provided by **angular** 2.0.
* Developed single page applications using Angular 2. **Vuejs**. Typescript, web pack and grunt.
* Developed the online web application using **HTML/CSS & JavaScript**, **Angular.js /Angular4/5,** **Vue.js**. **Node.js**, Spring Boot, Spring MVN and Bootstrap
* Experience in developing Single Page Applications (SPAs) using **Angular** JS ng-Route and UI router module and migrating to latest **Angular 8.**
* Developing Web Pages by using **HTML5, CSS3,** **jQuery,** JavaScript and working knowledge of **Angular 2, bootstrap.js**, **Vuejs** and **React.js**
* Experience in implementation of responsive web design RWD using Bootstrap grid system, flex box and CSS3 Media Queries, 2d and 3d animations.
* Experienced in working with **Redux** architecture using complex Object-Oriented concepts in improving the performance of the websites.
* Configure **Spark** Streaming to receive real time data from Apache **Kafka** and store the Steam data to HDFS using Scala.
* Implemented **Kafka** producer and consumer applications with help of the zookeeper and retrieved log messages using **Kafka**.
* Experience in writing vanilla javascript using **ECMAScript6 (ES6)** using **Lodash**.
* Used **Design Patterns** such as **Singleton**, **Factory**, **MVC**, **Value** **Object**, **Value** **List**, **Data** **Access Object**, **Data Transfer Object**, **Business Object** etc.
* Experience in Cross-Platform Mobile Development using **React Native + Type Script** based mobile app.
* Experience in working with **React Flux** architecture and creating custom reusable **React Components** Library.
* Experience in working with **Redux** architecture using complex Object oriented concepts for improving page load times and performance of the application.
* Good Experience in **React**.js for creating interactive UI's using One-way data flow, Virtual DOM, **JSX** using React JS components, Forms, Events, Keys, Router, plus Redux, Animations and Flux concept.
* Extensively worked with **Java J2EE technologies**, collection classes.
* Used **Spring Boot** to reduce the development time, increase productivity and making testing process easy by providing default setup for unit and integration tests.
* Extensive experience working with React **hooks** and **Saga** for developing/updating pages
* Used **NodeJS** NPM modules like **Grunt, webpack, Babel, Bower** and **Express.**
* Experience in working with GraphQL queries and use Apollo **GraphQL** library.
* Experience in Functional, Performance, User-Acceptance testing and creating unit test cases using **Jasmine**/**Mocha.**
* Implemented a Continuous Delivery pipeline with **Docker,** **Jenkins,** **GitHub, AWS**AMI’s, whenever a new GitHub branch gets started.
* Install, configure, test, monitor, upgrade new and existing **PostgreSQL** databases.

**EDUCATION**

Masters in Computer science from *University of Cincinnati, Ohio.*

Bachelor of Technology, Information Technology from *Jawaharlal Nehru Technological University, India.*

**SKILLS**

|  |  |
| --- | --- |
| **Languages** | NodeJS, Typescript, Java8 |
| **Web Technologies** | HTML5, CSS3, JavaScript, AJAX, REST, Web Services |
| **Frameworks/Libraries** | Angular8, React, Vue.js, d3js, React, React-native, redux, Express.js, Spring Boot, Flask, jQuery, jQuery UI, Bootstrap, Mustachejs, Handlebars, karma, Three.js, Jasmine, Fabric.js, Kinetic.js, protractorjs, |
| **Databases** | MongoDB, DynamoDB, Postgres, MySQL, SQLite |
| **Others** | Microservices, REST API, Webpack, Docker, AWS, Kubernetes Grunt, Babel, yarn, Jenkins, Whitehat, SonarQube |
| **Platforms** | Windows, macOS, Linux |

**WORK EXPERIENCE**

**Marsh Insurance Phoenix, AZ March 2022 – Till Date**

**Fullstack Developer**

**Responsibilities:**

* Worked on Angular 12 and internal UI Component libraires to build web applications.
* Used Role based access control to create dynamic UI based on each user type
* Developed application to support cross browser compatibility
* Implemented Spring boot microservices to process the messages into the Kafka cluster setup.
* Developed adwrap insurance application using Node.js runtime environment as middleware layer
* Designed an ideal approach for data movement from different sources Via Apache/Confluent Kafka.
* Experienced in building complex Single page applications with Vue.Js components with Backbone Marionette wrappers for Routing.
* Used passport package along with Open ID Connect Strategy to implement authentication and authorization for updating refresh tokens.
* Implementing and maintaining the reusable components in the Vuejs.
* Implemented orchestration of configurations using IBM Bluestream Orchestration engine where the customized configurations are hosted. These configurations are consumed to build dynamic UI Templates based on user role and his access permissions
* Migrated application from 10 to 11 and 11 to 12
* Involved with bug fixing on functionality, performance and designing issues with Vue JS Plugin and Chrome Developer tools**.**
* Familiarity with Postman Chrome extension for working with the RESTful API services and making requests to the server.
* Used Sonarqube code quality gate and update coding standards according to the code smells and other suggestions given.
* Design, develop, and maintain Kafka-based systems for real-time data processing and streaming.
* Implement complex data pipelines using Kafka Streams and Kafka Connect
* Updated package dependencies and their versions based on the Whitehat vulnerability report and made fix hotfix deployments for critical security vulnerabilities
* Used Github Advisory database to identify the patched versions for security vulnerabilities.
* Consistently worked with stakeholder and Business owner to work on requirement analysis and validations and also to create prototypes

**Environment:** HTML5, CSS3, Typescript, Angular, Vue.JS JavaScript, MongoDB, Node.js, Express.js, SASS, Microservices, ajax, Docker, Kubernetes, IBM Bluestream

**Kaiser Permanente Phoenix, AZ Oct 2020– Feb 2022**

**Lead Fullstack Developer**

**Responsibilities:**

* Experience in using Reduxto manage the application state and applying middleware such as **redux-promise, redux-thunk**and**redux-saga.**
* Used internal webapp to convert to desktop app by reducing desktop app development and time effort to more than 80%
* Created pipeline for auto update features for angular/react and desktop app.
* Integrated 3rd party library Pexip for video calling into both angular video visit module and react web app module.
* Development of Client Side validation techniques using Query and Vue.JS directives
* Developed the Front-End and User Interface of applications using **JavaScript**, ES6, React, and Redux to maintain hierarchical and intuitive structure.
* Created the application for responsive to distinctive screen resolutions utilizing **Bootstrap** and CSS media queries and SASS wherever required
* Used different bootstrap components like accordion, date picker, time picker, alert, buttons, modular additionally **react-bootstrap** components
* Knowledge of 3D asset pipeline which consists of Models, animations and textures.
* Responsible for checking cross browser compatibilities of the web application and desktop application for MacOS and Windows using Electron
* Used Three.js to create workflow process to guide healthcare workers and patients about covid guidelines
* Responsible for design and development of various components such as tab bars, map view, image picker, date picker, push notifications, sign-in/out features, profile management and navigation using react-native.
* Development of custom Vue.JS directives, which can be use along with HTML 5 components for DOM Manipulation.
* Fabric.js was used to create an additional interface where custom shaped objects can be dragged and dropped and then to save it as an image for Medical Practitioners
* Involve in the development of the application using Python 3. 3, HTML5, CSS3, AJAX, JSON and jQuery
* Created Reusable UI Components on react.js for developing internal UI Component library that can be used across the organization
* Used **Angular** framework to create npm modules and implemented composable architecture so that the same components which are developed as individual capabilities can be used across multiple angular projects.
* Used various Angular custom directives and developed reusable components and templates that can be re-used at various places in the application
* Utilized Node.js, Socket.io, Redis, Supervisor, Grunt, Yeoman, and Angular for scalable website architecture

**Environment:** Typescript, Electron, react, React-native, redux, Vue.JS bootstrap, Angular JavaScript, MongoDB, Node.js, HTML5, CSS3, SASS, Microservices, ajax

**USAA, TX Feb 2019 – Oct 2020**

**Senior Software Developer**

**Summary: I have worked on 3 projects (Policy Recommendation Engine, M Express, Risk Assessment Portal) which are focused on recommending policies, designing marketing practices, taking business and investment decisions.**

**Responsibilities:**

* Experience in using Reduxto manage the application state and applying middleware such as **redux-promise, redux-thunk**and**redux-saga.**
* Developed the Front-End and User Interface of applications using **JavaScript**, ES6, React, and Redux to maintain hierarchical and intuitive structure.
* Created the application for responsive to distinctive screen resolutions utilizing **Bootstrap** and CSS media queries and SASS wherever required.
* Used **jQuery** plugins for Drag-and-Drop, Widgets, Menus, Client Interface, and Shapes.
* Used different bootstrap components like accordion, date picker, time picker, alert, buttons, modular additionally **react-bootstrap** components.
* Experience in building isomorphic applications using React.js and Redux with **GraphQL** on server side.
* Responsible for checking cross browser compatibilities of the web application.
* Understanding Python files in **openstack** environment and make necessary changes if needed
* Responsible for design and development of various components such as tab bars, map view, image picker, date picker, push notifications, sign-in/out features, profile management and navigation using react-native
* Involve in the development of the application using Python 3. 3, HTML5, CSS3, AJAX, JSON and jQuery
* Used JavaScript and XML to update a portion of a webpage and node. JS for server-side interaction
* Successfully designed and implemented systems based on N-tier distributed architecture using **JAVA/J2EE** technologies
* Used **Angular** framework to create a Single Page Applications (SPA) which binds data to specific views and synchronize data with server using SASS, LESS
* Used various Angular custom directives and developed reusable components and templates that can be re-used at various places in the application
* Configuring auto scalable and highly available microservices set using **Spring Boot** with monitoring and logging using **AWS**, **Docker**
* Used **Spring Boot** to automate the configuration of application and its dependencies
* Used Node Package Manager (NPM) to manage modules & used it to install useful tools as Grunt, and Express
* Worked on NSS (Mozilla), PKCS11 library to develop the CRYPTO operations for the Node
* Fetch data from **MongoDB** using **Mongoose** of Node.js
* Utilized Node.js, Socket.io, Redis, Supervisor, Grunt, Yeoman, and Angular for scalable website architecture
* Developed the React container and presentational components (as Stateless and Functional components when applicable)
* Used **React** JS for templating for faster compilation and developing reusable components.
* Configured Web pack to execute linters, magnifiers, pre/post-processors, tests, transpires, etc. based on build target

**Environment:** Typescript, react, React-native, Node.js, Angular JavaScript, Java, redux bootstrap, MongoDB, Spring, HTML5, CSS3, SASS, D3.js, Numpy, Microservices, ajax

**Cognizant Technology Solutions Hyderabad, India Dec 2012 – Aug 2018**

**Technology Lead – Senior UI Developer**

**Description:** **Worked on End-to-End development phases with clients like 3M, American Express, Wellsfargo, MetLife Insurance, Molina Healthcare, Northern Trust, AIG as a Fullstack Web Developer primarily working on MEAN/MERN stack**

**Responsibilities:**

* Developed the User Interactive web pages in a professional manner using web technologies like HTML, XHTML and CSS based on the W3C and **ADA** standards.
* Used Grunt as building tool
* Gathered the information from the backend utilizing **AJAX** and jQuery, JSP
* Gathered information from API/web administrations through **AJAX-JSON** calls and overhauling the DOM inside the result sets
* Creating cross-browser congruous and standards-compliant CSS based page layouts.
* Created Substantial **XHTML**, CSS templates
* Created and sending modern highlights in arrange to maintain and correct existing applications.
* Involved in coding pages with **SEO** techniques
* Designed dynamic client-side JavaScript codes to build web forms and simulate process for web application, page navigation and form validation
* Developed UI pages utilizing **AngularJS, HTML5, CSS3, JavaScript, jQuery, AJAX** and JSON
* Worked on HTML5 Canvas libraries like Kinetic.js to create visualizations and animations
* Loaded Adobe Illustrator SVG Format vectors into HTML5 using fabric.js library
* Implemented transitions, transformations functionality using fabric.js
* Saved the state of the canvas by converting into JSON format and reloaded later using fabric.js
* Implemented prototypes using Three.js and WEBgl for 3M Car Care by using a series of images to create 360 degree view
* Implemented custom functionalities by using fabric.js and created a masking feature for 3M Home Interior
* Created a prototype similar to Adobe Kuler as a web application with the combination of fabric.js and also handlebar.js for templating and to create drag and drop UI Development
* Developed responsive web pages for keen gadgets utilizing Bootstrap and media queries
* Worked on making log-in confirmation modules utilizing **AngularJS** and JavaScript
* Worked with Passport and JSON web tokens for authentication and authorization security configurations using Node.js
* Extensively worked on custom orders with Pop-over and Pop-up functionalities with necessities coordinated to the conditions.
* Created custom orders and channels utilizing AngularJS built-in $http benefit from controller through reliance injection
* Implemented **MVC** design patternusingStrutsFramework
* Hands on experience implementing **Service Oriented Architecture** (SOA) using Web Services (SOAP, WSDL, Restful and JAX-WS) and **REST Services**
* Developed User interfaces using **ReactJS, Flux** and **react-router** for SPA
* Used **React-Autocomplete** for creating google maps location search on the webpage
* Worked on **ReactJS Virtual Dom** and **React views** rendering using components which contains additional components called custom pages
* Used **Maven** scripts, **uDeploy** for building and deploying the application in Web/App servers
* Precise $http to send GET/POST ask to fetch data from server
* Worked with **Karma** and **Jasmine**, supporting QA team
* Designed UI screens utilizing HTML5, CSS3, and JavaScript, Bootstrap and Precise UI to create the application user-friendly within the improvement of the Route Bar, Tables, Sliders, Calendars etc
* Implemented a Single Page Web App based front conclusion for showing client demands, records history and security settings different clients utilizing JavaScript and **Precise** JS
* Implemented responsive web design and versatile inviting plan utilizing AngularJS. Created shapes to gather and approve information from the client utilizing AngularJS, jQuery, and JavaScript
* Worked on multiple NoSQL databases like MongoDB, ArangoDB, DynamoDB
* Developed single page application using AngularJS, and Java Springs as the backend and Oracle11g as the database.
* Designed table-less layouts using CSS and appropriate HTML tags as per W3C standards.
* Created Multiple Re-usable UI Directives by defining AngularJS Directives, Attaching Event Listeners, Controllers and Updating DOM elements.
* Testing front-end code in multiple browsers to ensure cross-browser compatibility.
* Participated in making Responsive Web Designs using Media Queries and Twitter Bootstrap
* Extended data formatted web applications and deployed the script using client-side scripting, JavaScript.
* Worked on AJAX to develop an interactive Web Application and JavaScript for Data Validations.

**Environment:** Node.js, JavaScript, Typescript Angular, React, React-native, HTML5, CSS3, MongoDB, D3.js, XML, redux bootstrap, ajax, JSON, Fabricjs, Kineticjs, three.js, Mustachejs, jQuery, jQuery UI, Handlebars

**Polaris Software Lab Ltd Hyderabad, India May 2012 – Nov 2012**

**Java Developer**

**Description:** **Polaris Software Lab India Ltd.** provides transaction software and services. The Company offers financial technology software products, integration, and consulting services. Polaris Software serves clients in banking, insurance, wealth, and asset management throughout the world.

**Responsibilities:**

* Automation of inbound and outbound USD transactions obtained from UpStream1 and UpStream2 product processors for Citi Bank and Posting transactions into FT through Bank application
* Developed test cases suite with test coverage of 70% functionalities
* Worked with developers from other modules to ensure continuous integration of services
* Developed Business components using Java Beans and database connections using JDBC.
* Responsible for performing CRUD operations
* Created GUI using HTML, CSS, JSP, JavaScript
* Developed web pages using servlets and JSP
* Implementing XML Parser (DOM/SAX) for data integration with legacy system.
* Involved in the design, development of Presentation Tier using JSP, HTML and JavaScript

**Environment:** HTML5, CSS3, JavaScript, JSP, Servlets, Java, MySQL, XML, Ajax, JSON