Revanth Reddy Mandala

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Professional Summary

Bringing almost around **10** years experience as a **Senior Full Stack Developer**, specialized in web and mobile UI development with expertise in HTML5, JavaScript, and frameworks such as Angular, React, Redux, and Node.js. Proficient in Java programming and D3.js for dynamic GUIs, excelling in translating business requirements into successful web applications across all phases of the software development life cycle. With a strong track record of around 9 years in UI application design and development, adept at crafting resilient solutions tailored to diverse project needs, leveraging Single Page Applications (SPAs), Cloud Applications, and React Flux architecture. Experience in analysis, design, developing web-based Client/Server distributed and testing of applications using Java/J2EE technologies.

Skills extend to a comprehensive understanding of front-end technologies including CSS, JavaScript frameworks, and responsive web design principles. Well-versed in version control systems like GIT and CVS, and proficient in utilizing front-end workflow tools such as npm and Grunt.js to streamline development processes. Throughout the career, actively contributed to all stages of the Software Development Life Cycle (SDLC), leveraging methodologies such as Agile Scrum and waterfall to ensure project success. With a proven track record of collaborating effectively with cross-functional teams, committed to continuous learning and innovation, delivering cutting-edge solutions that exceed expectations and drive business growth.  
  
EDUCATION

Master of Computer science, FAIRFIELD UNIVERSITY- Fairfield, Connecticut 2017-2019  
Bachelor of Computer Science, KAKATIYA UNIVERSITY- Telangana, India 2011-2015

SKILLS

Technical Skills:

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| --- | --- | --- | --- |
| * Angular framework | | * RESTful APIs | * SQL |
| * Typescript |  | * API Gateway | * MySQL |
| * JavaScript |  | * JIRA | * Postgres SQL |
| * ReactJS * Java |  | * AWS services (DynamoDB, Lambda, API Gateway) | * Apigee * GraphQL |
| * NodeJS |  | * GRUNT | * React Hooks |
| * AngularJS |  | * jQuery | * Git, Bitbucket, TFSA |
| * Bootstrap |  | * Jenkins | * Postman |
| * CSS |  | * Gitlab CI | * MongoDB |
| * HTML5 |  | * Jasmine | * AJAX |

**Senior Full stack Java Developer, Homesite Insurance (July 2023 – Present)**

Responsibilities:

* Designed and developed complex web-applications using Angular framework (16), ensuring optimal performance and scalability.
* Implemented RESTful APIs to facilitate seamless communication between front-end and back-end systems.
* Worked with object-oriented design, data structures, collections framework API for designing the framework in Java.
* Exhibited exceptional organizational skills, efficiently planning, developing, and coordinating efforts with various cross-functional teams and organizations.
* Leveraged AWS services including DynamoDB, Lambda and API Gateway to build scalable and cost-effective solutions.
* Worked with GraphQL schema and mutations to interact with the MongoDB and other data layers.
* Developed server-side web applications utilizing Node.js and contributed to the construction of user interfaces using JQuery, ReactJS, Ext JS, Bootstrap, and JavaScript.
* Assumed the role of a meticulous bug analyst, proficiently investigating and resolving assigned bugs, while serving as an effective liaison between the support team and development teams.
* Worked with implementation of a serverless architecture using API gateway, lambda, DynamoDB and deployed AWS Lambda code from Amazon S3 bucket.
* Design and develop multi-threaded applications and tuning applications for efficient performance.
* Designed and implemented REST API interfaces using JavaScript and Node.js.
* Ensured strict adherence to W3C, web responsiveness, WCAG compliance standards, ARIA roles, states, and properties, guaranteeing the delivery of accessible and inclusive user interfaces.
* Cultivated transparent and effective communication with both domestic and offshore teams, facilitating collaborative efforts and project alignment.
* Worked with GraphQL queries and used Apollo GraphQL library.
* Developed proof of concepts for deploying S3 bucket and DynamoDB stack using Cloud formation templates.
* Worked on multiple projects simultaneously in Java, J2EE using Spring and Hibernate technologies.
* Creating efficient design and developing user interaction screens using HTML, CSS, Bootstrap, JavaScript, Angular and NodeJS.
* Developed and optimized SQL queries for various databases including Postgres SQL and MySQL, to enhance application performance.
* Implemented CI/CD pipelines using Jenkins and Gitlab CI to automate the deployment process and improve overall efficiency.
* Used AWS cloud watch to monitor the logs and create alarms to monitor metrics such as EBS, EC2 and configured notifications for the alarms generated based on events defined.

**Full stack Java Developer, Nationwide Insurance (Sep 2021- April 2023)**Responsibilities:

* Developed HML5, CSS3, Bootstrap, JavaScript, and Angular for website UI adhering to accessibility and browser standards.
* Implemented Angular 12/16 frameworks, MVC architectures and custom directives for single-page applications.
* Utilized React.js to create reusable components such as multi-field form elements and background file uploads.
* Developed a web application using Core Java (Threading and Collection).
* Built isomorphic application using React.js, Redux and GraphQL on server side.
* Implemented Python scripts to import raw data from Web into PostgreSQL database.
* Demonstrated proficiency in enhancing microservice performance by employing task managers and webpack with the serverless framework.
* Developed Java beans and custom tag libraries providing client-side validations in Javascript and providing interactive front end GUI using AJAX.
* Created Python scripts to parse XML document and load the data in database.
* Maintained and updated a GraphQL layer to allow retrieval and updates of user interactions with PostgreSQL database.
* Applied an advanced understanding of JavaScript, SCSS, and pure CSS to craft a responsive and visually appealing web application, thereby optimizing the user experience.
* Utilized various AWS services for web application deployment and scaling.
* Integrated Angular services for backend API connectivity using Type script.
* Integrated relational databases like MySQL and Postgres SQL with web applications, back-end systems, and third-party APIs to support data driven functionality.
* Developed code in Java which created mapping in Elastic search even before data is indexed.
* Configured AWS Multi factor authentication in IAM to implement 2 step authentication of user’s access using Google Authenticator and AWS virtual MFA.
* Worked with Jenkins for continuous deployment and implement build automation.
* Configured and monitored application logs with Splunk and AWS CloudWatch.
* Used Session storage for maintaining and redirecting the data on the all the pages in the entire application.

**Full stack Java Developer, IQVIA, Pennsylvania (May 2021 – August 2021)**  
Responsibilities:

* Built web user interfaces using Material UI, Angular and React.
* Designed and tested API’s using Swagger UI and created models, filters and services using Angular to create the application.
* Developed business layer components using enterprise Java beans EJB.
* Engineered critical review/comment sections with time-sensitive importance using React.js and Angular.js, leveraging the ng React directive.
* Worked with Core Java with multi-threading concurrency memory management.
* Demonstrated adeptness in building robust Graphical User Interface applications employing JavaScript, AngularJS, and MongoDB within the MEAN stack framework.
* Possess intermediate proficiency in Advanced JavaScript, encompassing prototype-based inheritance, AJAX, and JSON, with familiarity in JavaScript frameworks such as jQuery and AngularJS.
* Hands-on experience in front-end development utilizing JavaScript frameworks like AngularJS and jQuery, alongside front-end technologies including HTML5, CSS, and Ajax, contributing to the creation of web applications such as message posting and autocomplete forms with secure validations.
* Designed and developed interactive user interfaces (UI) for web pages utilizing HTML, CSS, JavaScript, jQuery, and AJAX.
* Developed Restful Web services using Java servlets, JSON, JAX-WS and JAX-RS and persistence using Hibernate and JPA framework.
* Creating efficient design and developing user interaction screens using HTML, CSS, Bootstrap, JavaScript, Angular and NodeJS.
* Leveraged AWS CloudWatch and GCP’s CDN for application monitoring and content delivery.
* Developed stored procedures, triggers, functions to automate tasks and enforce business rules within the database.
* Used Jenkins for build process to generate continuous integration.
* Developed a single-page application with Angular 10 using different modules, templates, custom directives, and custom filters.
* Created Typescript reusable components and services to consume the REST API’s using component-based architecture.

**Full stack Java Developer, SentacaInc, Boston (November 2020 – May 2021)**  
Responsibilities:

* Designed responsive web interfaces using HTML5, CSS, JavaScript, and React JS.
* Replaced all React class components with functional components. For state management, replaced with new Hooks like use State, use Effect, use Reducer, and use Ref etc.
* Utilized various tools for API management like Apigee, Splunk and AWS CloudWatch and monitoring the logs for different applications in their respective environments.
* Utilized Java framework to develop client-side components.
* Configured AWS services like S3, CloudFormation, API Gateway, Dynamo DB etc.
* Rewrite existing python/django modules to deliver certain format of data.
* Developed Java beans and JSP’s by using Spring and JSTL tag libraries for supplements.
* Developed web API using Node.JS and hosted on multiple load balanced API instances.
* Leveraged AWS Web services through AWS console and API integration by performing all necessary day-day subversion/Git support for different projects.
* Developed classes in Java to be used in JSP and Servlets.
* Used React in development of the web application to bind the data/model that is being retrieved from a database through services provided in a controller to the view using scope.

**Full stack Java Developer, Optimity Advisors (April 2020- October 2020)**  
Responsibilities:

* Developed responsive single-page applications using Angular 6, HTML, CSS, and Bootstrap.
* Leveraged Angular Universal for improved server-side rendering and IVY compiler for enhanced performance.
* Worked in database schema design, normalization, and optimization to ensure data integrity and efficiency.
* Built website and database system for in house programmed in Python through Django streamline framework.
* Worked with Java functions for various validation purposes.
* Designed and implemented REST API’s using RESTful web services.
* Upgraded the application from having Angular 6 to using Angular 9.
* Collaborated with cross-functional teams to ensure accessibility features and routing.
* Conducted system designs and recommended cost-effective cloud solutions such as AWS.
* Worked with Java beans to contain data objects, implementing session beans, entity beans and message driven beans.
* Implemented Angular services for connectivity between web applications and back-end API’s using Typescript.
* Worked on Routes in Angular creating the base route and extensions by using Router Config as an injectable URL path and customized component for each of the web page in Angular.

**UI Developer, RWJ – Barnabas, NJ (September 2019 – February 2020)**  
Responsibilities:

* Designed responsive UI enhancements using Kendo MVC and media queries.
* Developed front end web pages using jQuery, HTML5, CSS ensuring cross-browser compatibility
* Implemented token-bases authentication for improved security of API’s.
* Used TFS, Git as source control. Used Postman for analyzing API responses.
* Developed Restful web services and integrated them into the application architecture.
* Designed and used Rest API’s because it can handle multiple types of calls, returns different data formats like xml, Json.
* Used JAXB to marshal and unmarshal the xml-java object, java objects-xml.
* Implemented various indexing strategies to improve query performance and optimize database operations.

**UI Developer, MTA - NYC, NY (October 2018- August 2019)**  
Responsibilities:

* Developed web, responsive and single-page applications using React, HTML, CSS, Bootstrap and Typescript.
* Utilized React JS for virtual DOM rendering and Redux for state management.
* Worked with Hibernate annotation-based mapping Java classes with Oracle database tables.
* Implemented React container and presentational components as Stateless and Functional components when applicable.
* Extensively worked with **Servlets** and **Struts** based multi-tier applications in developing **J2EE** Components.
* Implemented multi-threaded concepts in Java classes to avoid deadlocking.
* Implemented real time location sharing on cross-browser applications using Node.js and ReactJS.
* Created proof of concepts for Angular 2/4 applications and implemented RESTful web services.

**UI Developer, UHG – Raleigh, NC (June 2017 to September 2018)**Responsibilities

* Designed and developed the Customer service portal using Angular along with HTML, CSS, Bootstrap and Typescript.
* Used JavaScript DOM (Document Object Model) manipulation and JavaScript events to generate the data result in UI.
* Designed and developed presentation layers using Servlets, JSP, Java beans, CSS, HTML, DHTML, jQuery and Javascript.
* Developed web services in Java along with SOAP.
* Designed animated webpages by importing the angular/animations which is the latest animation package in Angular 4.0.
* Used Angular 4.0 to create views to hook up models to the DOM and synchronize data with server as a Single Page Application (SPA).
* Actively worked on the Java server-side programming using Servlets and JSP.
* Created core Java interfaces and abstract classes for different functionalities.
* Worked with modules like MongoDB and mongoose for database persistence using Node.js to interact with MongoDB.
* Worked on Angular 2.0 by consuming RESTful web services and used forms like Template Driven forms and Modern Driven (Reactive) forms to perform form validations both on server and client side.
* Used GRUNT, BOWER for angular application scaffolding, grunt as build server and bower for dependency management and web storm as front-end IDE.
* Created Angular 2.0 components, implemented Interpolation, input variables, Bootstrapping, Ng For, Ng If, Router Outlet, binding the events, decorators.

**UI Developer, TCS- Hyderabad, India**

**End client- Mayo Clinic- Rochester, MN (Feb 2016 to May 2017)**

Responsibilities:

* Participated in development of a well responsive Single Page Application (SPA) by using Angular 2, JavaScript, jQuery, HTML5, CSS3 and LESS.
* Involved in building interactive portable widgets for internal users using HTML5, CSS3, and JavaScript, jQuery, Angular 2 and the latest AJAX libraries.
* Designed Frontend within object-oriented JavaScript framework like backbone JS and Node.js. Used building rich Internet application, backbone JS to optimize in-browser use and to load the module and to improve the Speed.
* Involved in use of Angular 2 technologies to include, LESS and additional technologies to ensure current migration from Angular1.6 to Angular 2.
* Widely used Angular 2, UI Bootstrap components like calendar picker, time picker, directives, select2, model pop-ups, ng-grid, router Provider’s, progress bar, ng-Idle, ng-Upload.
* Used various jQuery plugins like auto complete, date picker, color picker, document slider to enhance the usability.
* Used $http Provider with Angular JS interceptors to make sure the requests are authenticated.
* Used MongoDB for database persistence to retrieve data for exposing the data to Node.js server.
* Prepare Test Cases using TDD (test driven development) and BDD (behavior driven development) approach on multiple platforms like Linux, Mac, and Windows.

**UI Developer, TCS- Hyderabad, India**

**End client- SPRINT Kansas City, KS (Aug 2015 – Jan 2016)**

Responsibilities:

* Involved in all phases of the Software development life cycle (SDLC) using Agile Methodology.
* Extensively used Star Team for version control and JIRA for bug tracking.
* Developed Servlets and utilized Node.js to create a fast and efficient chat server.
* Experienced in React JS and working with React Flux architecture. Experienced in working with Redux architecture.
* Developed a credit check module using Servlets and JSP core Java components in web logic application server.
* Worked with modules like MongoDB and mongoose for database persistence using Node.js to interact with MongoDB.
* Working with ECMA Script 6 features. For build of JSX and ES2015 (ES6) used Babel, Web pack.
* Working with React Router for developing Single Page Applications SPAs.
* Familiar with concepts of Directives, Databinding and Dependency Injection in Angular JS.
* Utilized Java/J2EE, webservices for developing different components.
* Extensive use of Twitter Bootstrap framework to achieve RWD, i.e., make the portal compatible for various screen resolutions which are trending in the market today.
* Used various J Query and Bootstrap plug-ins like date picker, bootstrap select etc.
* Built dynamically generated dropdown lists using Ajax, J Query and Angular JS.
* Design and developed various view and partial view using Object Oriented JavaScript, Bootstrap, JSON, jQuery, Ajax Helpers, Angular JS and Node.js.