

Name:- SAI VENKATA REDDY VANGA
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Professional Summary: -

Having Around 3 years of experience in Analysis, Design, Development, Integration, Testing and maintenance of Java based applications, microservices and Single Page Responsive web applications.

- Experience in developing user interactive web applications using HTML5, CSS3, JavaScript, TypeScript, Angular 7, React, ES6, jQuery, JSON, Bootstrap, Node.js.
- Experience in working with CSS preprocessors like LESS and SASS along with JavaScript task runners like Grunt and Gulp.
- Experience in developing Single page Applications (SPA) using Angular 7.
- Diverse experience utilizing tools in -tier and Microservices architecture applications using Spring Boot, Spring Cloud config, AWS, My SQL, Restful Web Services.
- Experience with querying on data present in Cassandra cluster using CQL (Cassandra Query Language).
- Strong experience in Spring Framework modules such as Spring MVC, IOC, AOP, JDBC, JIA, 10, Spring Boot, Spring Microservices, Spring REST, Spring Eureka, Spring Ribbon, Spring Data JPA, Spring Cloud.
- Extensive use of Node.js, Express.js, and MongoDB to create server-side applications.
- Experience in creating maintainable and testable software applications using Angular7, created Multiple & Nested Views, Routing, Services, Directives and implemented 2-way data binding.
- Used NOSQL as a persistent store and Apache Kafka as a messaging layer for custom framework and Amazon Web Services as cloud platform leveraging its services and EC2 Infrastructure.
- Integrated Kafka, Spark, and Cassandra for streamlined analytics for creating a predictive model.
- Expertise in state management within React applications and used state hooks and state libraries like Redux.
- Hands on experience on No SQL
- Experience Tracking errors using Firebug and fixing the errors to resolve the issue, and testing applications using Jasmine, and karma.
- Experienced in version control tools like GIT and bug tracking tools like JIRA.
- Experience in using build tools, Gulp, Grunt, NPM for package management and installation.
- Experience with full Software Development Lifecycle (SDLC), Object Oriented Programming and Agile Methodologies.

TECHNICAL SKILLS:

Web Technologies	HTML, XML, CSS, Bootstrap, Ajax, jQuery, LESS, SASS, JSON
JS Framework	Angular 7/5, React, React Native, Node.JS, Vue.JS
Frameworks	Spring Boot, Spring MVC, Spring Security, Spring Core, Spring AOP, Spring Cloud.
Programming Languages	JavaScript, TypeScript, Java, Python, C++, C.
Databases	SQL Server, MySQL, PostgreSQL (PSQL), Sybase, Oracle, Cassandra
Cloud Technologies	AWS, AZURE, GCP.
IDE	Visual Studio, Eclipse, IntelliJ, Notepad++.
Version Control	GIT, Bit Bucket, SVN
Tools	Jasmine, Junit, Selenium, Docker, Kubernetes, Jenkins
Operating System	Windows 11/10/7/XP, Mac Os, Linux, Unix.

Professional Experience :-

Client: Texas Tech University
Role: Java Developer

June 2022 – May 2023

Responsibilities:

- Developed Client-side application using HTML5, CSS3, JavaScript, jQuery, and Bootstrap.
- Implemented Server-side logic for the application using MongoDB, Express.js and Node.js to perform search, create, update, and delete operations.
- Worked on Core Java concepts such as OOP Concepts, Collections Framework, and Exception Handling, File I/O and concurrency, Multi-Threading, JDBC, Generics.
- Implemented Services and Dependency Injection in Angular to connect the web application to back-end APIs and for sharing the code between the components.
- Developed UI validations to validate Required Field, Range, Length, Start Date less than End Date and handled various exceptions.
- Implemented Angular Controllers to maintain each view data.
- Involved in Software Development Life Cycle SDLC. Gathering business logic and requirements, then figure out technical solutions for better implementation.
- Developed Authentication and Authorization mechanism for the application.
- Designed and developed the framework to consume the web services hosted in Amazon EC2 instances.
- Integrated Kotlin and Java components for efficient communication with RESTful APIs.
- Worked on running pipelines in AWS Code Pipeline and used to check-in code to Code Commit for some repositories.
- Developed AWS Lambda based Microservices interacting with DynamoDB & SNS/SQS using AWS-SDK.
- Good command of CQL to run queries on the data present in Cassandra cluster with multi-DC's in 8 node each.
- Loading the data to Cassandra Cluster with the help of Java API.
- Deployed builds across development, staging and production instances and maintained code integrity.
- Used Java API to load the data into Cassandra Clusters.
- Attended daily stand-up meetings (Scrum), grooming and planning sessions to analyze requirements for the application.
- Actively participated in Unit testing.
- Used Bitbucket for version control across common source code used by developers.

Environment: HTML5, CSS3, JavaScript, Angular, Bootstrap, Cassandra, MongoDB, Kafka, Express, Node.js, Bit Bucket, and Visual Studio.

Client: Gagan Apps

July 2019 – June 2021

Role: Java Developer

Description:

Gagan APPS has experience in digital marketing for the last 10 years. They are also involved in designing web applications for clients.

Responsibilities:

- Develop and maintain this e-commerce web applications using Java and the Spring framework.
- Collaborate with front-end developers to integrate Java back-end services using Angular 7.

- Implemented Angular 7 Services for connectivity between web application and back-end API's using TypeScript.
- Implement new features, product catalogs, and customer shopping experiences.
- Design and optimize database schemas using MySQL PostgreSQL for efficient storage and retrieval of product information, user data, and order history.
- Create and manage database queries and store procedures.
- Used React Native to build mobile application.
- Used Git for version control and collaboration with the development team and followed best practices for branching, merging, and code reviews.
- Involved in unit tests using JUnit to ensure code quality and reliability.
- Designed, developed, and maintained microservices using Java and Spring Boot, allowing for independent development and deployment of services related to order management, inventory, payment processing.
- Designed and developed the REST based Micro services using the Spring Boot.
- Used ngIf to output data conditionally, styled elements dynamically with ngStyle, applied CSS classes dynamically with ngClass, outputting lists with ngFor.
- Used Angular 7 for Client-side validations while rendering JSON validation errors in the backend.
- Used package managers like NPM.
- Design and implementation of code with Java Middleware (e.g., Spring)
- Used Third-party APIs in application to add different functionalities.
- Involved a full complement of Express.js, Angular 7, Node.js and MongoDB to store and present assessments.
- Created RFP Micro Service to provide RESTful API utilizing Spring Boot with Micro Services.
- Involved in Unit testing, Integration testing, Regression testing and Acceptance testing.
- Involved in writing test cases using Jasmine and Karma to ensure 100% code coverage.
- Experience in using Continuous Integration tool (Jenkins), and Git (Source Code Management).
- Used Microsoft Visual Studio as an IDE.
- Experience with working in short sprints in an Agile methodology.
- model, good understanding of Scrum processes, tools like JIRA, and artifacts like Stories, Tasks.

Environment: HTML5, CSS3, JavaScript, JSON, jQuery, TypeScript, MySQL, Angular 7, NodeJS, REST API's, npm, Jasmine, Karma, JIRA, GIT, Visual Studio.

Projects:-

Attendance Management System

- Developed an attendance management system using Java and MY SQL database, which keeps track of student's attendance.
- The system has all the features that can help schools and universities keep an eye on their students.
- Used HTML, CSS and JavaScript and JavaScript framework React for building the front-end components.
- Used GIT platform for code Version Control.
- Used Visual Studio for coding and debugging.

Environment: HTML, CSS, JavaScript, React, SQL, MongoDB, Visual Studio, Git.

Publications:-

“Analysis of bandwidth consumption in VoIP” - Springer UIS Series by presenting it in the Joint International Conference on Ubiquitous Intelligent System (UIS-2021).

Certifications:-

- Oracle Java SE 8 Programmer.
- Simplilearn certificate in Certified Information System Security Professional CISSP.
- Service Now Admin Certified.
- Automation Anywhere RPA Essentials Professional Certified.
- Automation Anywhere RPA Advanced Professional Certified.

- HTML 5, Angular certified from Coursera.

Education details:-

Master's in Computer Science and Information Systems

Texas Tech University, Lubbock, Texas

Aug 2021 - May 2023

GPA :- 3.5

Bachelor of Technology in Computer Science and Engineering

K.L. University, Vijayawada, AP, INDIA

July 2017 – May 2021

GPA :- 3.5