**Saketh Sai**

**Full Stack Java Developer**

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| **Contact Information**  **Address:** Irving, TX-75062  **Email:** Yenigalla1323@gmail.com  **LinkedIn:** https://www.linkedin.com/in/saketh-yenigalla-2a1b8b260/  Mobile Phone: 848-777-5062  **TECHNICAL SKILLS:**  **Languages:** Java(J2SE1.8/1.6/1.5,J2EE 6/5) , SQL, PL/SQL, UML2.0,  T**echnologies:**  JSP2.1/2.0/1.2, Servlets2.x, JavaBeans, JDBC, Struts2.x/1.x, RMI, EJB3.0/2.1, Hibernate3.x/2.x, Spring 3.0, Spring 4,SOA, JMS1.1, SAX and DOM Parsers, AJAX, JAXB2.1/2.0, JAXP1.x, LDAP, Sybase Power Designer, RESTful and SOAP web services  **Web Technologies**: HTML/DHTML, XHTML1.1, JavaScript1.x, XML1.0, XSL, XSLT, CSS, Bootstrap, Angular-JS, JQuery.  **Development Tools (IDEs):** Eclipse3.2/3.0/2.1.1, MyEclipse6.0/5.1.1, RAD7.0/6.0, WSAD 5.x/ 4.x, NetBeans3.3, MS Visual Studio 2005, Brackets and Web storm  **Web/Application Servers**: Tomcat 7.x/6.x/5.x, WebLogic10.3/9.2/8.1/7.0, IBM WebSphere 8.x/7.x/6.x.  **Design Patterns:**  MVC, Front Controller, Session Façade, Singleton, Business Delegate and DAO patterns.  **Data Base:**  Oracle 11g/10g/9i/8i, MS SQL Server 2005/2000, MySQL5.1/4.1, DB2 9.1/8.1/7.2, MongoDB.  **Platforms:**  Windows, UNIX, LINUX  **Methodologies**:  Agile Methodology, RUP, Extreme Programming  **Build Tools:**  Rational Rose, CVS, PVCS, Git, SVN, VSS, Clear Case, JIRA, Jenkins, JUnit, TestNG, Selenium, Cucumber, Beehive, Mockito, IBM MQ, Log4j, ANT, Maven, Gradle, EC2, VPC, SNS, SQS.  **Education Details:**   * Master of Science in Engineering Management, Arkansas state University, USA-2017 * Bachelor of Technology in Computer Science, Gandhi Institute of Technology And Management, INDIA-2014 | **PROFESSIONAL SUMMARY**   * Around 9+ Years of strong software experience in design, development and deployment of web-based and Client-Server business applications using OOP, 8 years Java/J2EE technologies in various domains like Telecom/Finance/ Ecommerce/Banking/Insurance. * Experience in all phases of Software Development Life Cycle (SDLC), which includes Integration, Implementation, Interaction, Business Analysis/Modeling, Documentation, and Testing of all software applications. * Ability to efficiently translate algorithms, ideas and concepts to software applications * Good knowledge of designing, deploying and operating highly available, scalable and fault tolerant systems using Amazon Web Services (AWS) and Azure. * Expertise in developing SOA (Service Oriented Architecture), REST and J2EE Web Services based on SOAP, BPM, WSDL, UDDI, JAX-WS, JAXB, JAX-RPC using tools like Apache Axis and Developed RESTFUL web services using Spring MVC. * Good knowledge on reading and following UML design documentation such as Database, and Data Flow diagrams. * Involved in provisioning and Automation servers on Public Cloud like AWS and Kubernetes. * Proficient in design and rapid development of web and J2EE applications using Core Java, JSP, JSF, CSS, Servlets, EJB, JavaScript, Spring, JDBC, JNDI, JMS, SWING, HTML/DHTML, XML and Struts framework. * Experience in Agile software development process, Test Driven Development and Scrum. * Experience in client side designing and validations using HTML, CSS, JavaScript, AJAX, JQuery, AngularJS and Nodes * Managing Azure infrastructure with automation and configuration management tools such as Chef, Puppet and Ansible. * Utilized Java 8 features like Lambda expressions and Stream API for Bulk data operations on Collections which would increase the performance of the Application. * Experience in developing client side validations using Angular2/4/6/7 and in developing Custom pipes, Shadow DOM. * Experience in building isomorphic applications using React.js and Redux with GraphQL on server side * RIA applications using Flex, HTML5, CSS, Ajax, Dojo and Node JS * Have good experience on NoSQL databases like Mongo. * Proficient in MVC architecture using spring framework / JSP-Servlet and J2EE Design Patterns. * Expertise in Struts and Hibernates Frameworks. * Developed Graphical User Interfaces using UI frameworks AngularJS and Web Pages using HTML, CSS and JSP for user interaction. * Good knowledge on AWS cloud formation templates and configured SQS service through Java API to send and receive the information. * Development experience in Windows, Linux, Mac OS, Docker containers and UNIX operating systems. * Used DAO access and writing DML, DDL and triggers for DB2 database and other client environment specific tools to design the client module. * Experience in using build/deploy tools such as Jenkins, Docker, and OpenShift for Continuous Integration & Deployment for Microservices. * Hands-on Experience in designing Azure data storage solutions (SQL Database, SQL Data Warehouse, Azure blob store, Data Lake Storage) * Experience in working with build management tools like Ant, Maven and Jenkins. * Experience in installing, configuring, tuning Apache Tomcat, WebLogic and WebSphere. * Ability to work individually as well as in a team with excellent problem solving skills, troubleshooting capabilities, learn new tools and concepts. * Worked on IDE's such as Eclipse/My Eclipse, JBuilder. * Comprehensive knowledge in databases like MySQL, SQL Server, DB2 and Oracle writing Triggers, Stored Procedures and Normalization of databases. * Proven experience with Application Servers like IBM WebSphere 6.x/5.x/7.x, Oracle/BEA WebLogic9.x/8.x/7.x/6.x, JBoss and Tomcat 5.x/4.x/3/x. * Expertise in database modeling, administration and development using SQL and PL/SQL in SQL Server environments. * Excellent troubleshooting & problem solving skills with Client-Server Applications & Web Application. * Designed Use Case Model, Use Case Diagrams, and Class Diagrams, sequence diagrams. * Expertise in using issue tracking tools such as Quality Center and JIRA.   **Work Experience:**  **Client: AT&T, Dallas, Texas**  **Sr. Full Stack Java Developer March 2021 to Present**  **Responsibilities:**  ● Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.  ● Responsible for creating efficient design and developing User Interaction screens using Angular 4.0, HTML5, CSS3, JavaScript, jQuery AJAX and JSON.  ● Responsible for implementing Map Reduce programs into Spark transformations using Spark and Scala.  ● Implementing Kafka producer / consumer functionality at a new server service  ● Using Spring Data JPA with Hibernate to integrate SQL Server into back-end web applications and performing CRUD and aggregation operations on a database.  ● Implemented Core Java concepts like Multithreading, Concurrency, Exception Handling and Collections wherever necessary in the application.  ● Deployed the application on Amazon Web services (AWS) and used it to provide a large computing capacity for scalable solutions.  ● Used Java8 features in developing the code like Lambda expressions, creating resource classes, fetching documents from database.  ● Developed various screens for the front end using React JS and used various predefined components from NPM (Node Package Manager) and Redox library.  ● Programmed in Angular 4 to upload (post) files/images to the AWS S3 browser from the Front-end by installing the NPM package of AWS-SDK.  ● Used Micro services architecture, with Spring Boot based services interacting through a combination of REST and Spring Boot.  ● Developed presentation layer using Angular6/7, HTML5, CSS3 and client validation using JavaScript.  ● Worked on Rest Web services as well as Node Rest framework for backend services using Mongo DB (NoSQL) for database services and Restful web services using Jersey for JAX-RS implementation.  ● Working on end-to-end development and migrating the application to Cloud using the AWS availing services like AWS EC2, and ElasticSearch.  ● Performed GitHub/GitHub-Desktop bash and Terminal commands to clone, fetch, merge and push the code and created pull requests for changes that are made.  ● Deployed Spring Boot bailed micro services in Docker and Amazon EC2 container using Jenkins  ● Developed cross platform server-side applications using Node.js, BackBone.js and Angular.js.to achieve scalability in real-time web applications.  ● Deployed Spring Boot-based micro services Docker container using Amazon EC2 container services and using AWS admin console.  ● Used various Angular 6 custom directives and developed reusable components and templates that can be reused at various places in the application.  ● Developed CI/CD system with Jenkins on Kubernetes environment, utilized Kubernetes and Docker for the runtime environment for the CI/CD system to build, Test and Deploy.  ● Hands-on experience in developing AWS cloud formation templates and setting up Auto scaling for EC2 instances and involved in the automated provisioning of AWS cloud environment using Jenkins and Chef.  ● Developed various Database interaction objects by implementing the DAO patterns and used JDBC as Model Component.  ● Used Spring Core annotations for Spring Dependency Injection, Spring MVC for Rest API’s and Spring Boot for micro services.  ● Developed tools in Python and XML to automate some of the menial duties.  ● Developed Microservices using Spring MVC, Spring Boot, and Spring Cloud.  ● Developed AWS S3 to copy project artifact into S3 bucket  ● Develop various screens for the front end using React js and use various predefined components from NPM.  ● Developing a native mobile app using React js Native, firebase, Node.js, and npm  ● Developing web applications and webpages using React js firebase, jQuery, Bootstrap, and npm  ● Created REST clients to consume data from other partner applications and involved in creating POC's using MEAN stack and enhancing existing REST API's developed using Node-JS, Express-JS and Mongo-db  ● Worked on node.js router to make cross-domain requests to API services like Spotify API, GitHub API, MongoDB.  ● Used Postman to test the API's, used SVN for the version control, JIRA for bug tracking and project management, JUnit and Mockito for Java unit tests, Jasmine and Karma for angular specs.  ● Followed agile methodology and involved in daily SCRUM meetings, sprint planning, showcases and retrospective and used JIRA as a tracking tool for the sprints.  ● Development of cloud hosted web applications and REST APIs using Spring Boot with embedded Tomcat.  ● Developed & Implemented OAuth2 functionality with Spring Security to secure the REST services/REST API for authentication & authorization, and generate & validate the tokens for REST clients to protect the REST services  ● Used OAuth authorization framework to enable application to obtain limited access to user accounts on the Restful Service  ● All the functionality is implemented using Spring Boot and Hibernate ORM.  ● Implemented Java EE components using Spring MVC, Spring IOC, Spring transactions and Spring security modules  ● Developed tools for monitoring and notification using Python.  ● Developed API's and REST API proxy using APIGEE edge and for sending mobile notifications  ● Developed Docker image and containers for the application by configure Docker file, using Docker Compose to manage images  ● Implemented data quality checks using Spark Streaming and arranged bad and passable flags on the data.  ● Implemented Spark-SQL with various data sources like JSON, Parquet, ORC and Hive.  ● Experienced in using Spark Core for joining the data to deliver the reports and for detecting fraudulent activities.  ● Developed Web services component using XML, WSDL, Restful and SOAP with DOM parser to transfer and transform data between  ● Implemented SOAP Web Services to integrate third party service using the WSDL and created stubs.  ● Done Designing and development of RESTful API and services using best practices to interact within the micro services and with the front end  ● **Environment:** Java 1.8, J2EE, JSP 2.0, PL/SQL, Spring 2.0, EJB 2.0, JMS, JNDI, Oracle, XML, DOM, SOAP, Junit, Apache Camel, Web Sphere 8.5, Hibernate 3.0, Microservices, AWS, JDBC, Kafka, MS SQL Server 2012, JESS, REST-ful Web service, Web logic 8, JBoss Drools, SOA Design Patterns, Cassandra, LDAP, NOSQL.  **Client: McAfee, TX, USA Aug 2018 – Feb 2021**  **Role: Senior Java Full Stack Developer**  **Responsibilities:**  ● Participated in Agile (Scrum) methodology and Involved in Design, development, System testing and User Acceptance Testing.  ● The application is based on Micro Service Oriented Architecture using Angular 4.0 and Cassandra DB and MySQL to develop Single Page Applications (SPA).  ● Developed RESTful Web Services with JAX-RS using Spring Boot and Microservices Architecture.  ● Worked with Angular CLI and Typescript in Angular 4.0 to create Controllers and Angular components for the Web Pages.  ● Experience in working with GraphQL queries and using the Apollo GraphQL library.  ● Deployed the Dockerize Spring Boot application using AWS Elastic Beanstalk.  ● Developed JAX RS and Jersey Container for http REST Calls and web services using all formats of data for Transmission like JSON, XML, TEXT, and others.  ● Created an AWS environment for this application. Generate various AWS resources like S3, EC2, ECS, IAM,Route 53, Cognito, Kinesis and others using terraform.  ● Loaded the data into Spark RDD and do in memory data Computation to generate the Spark Output response.  ● Good knowledge in setting up batch intervals, split intervals and window intervals in Spark Streaming.  ● Imported real time weblogs using Kafka as a messaging system and ingested the data to Spark Streaming.  ● Used React Router for routing the redux app to connect redux and react js to support routes.  ● Documented REST/HTTP APIs, including JSON data formats and API versioning strategy.  ● Worked in using React js native components, Forms, Event, Keys, Navigation and Redux con- cepts.  ● Worked on state, specs, props and events to create interactive React js components.  ● Implemented MVVM architecture using React js and Redux framework.  ● Optimized performance is achieved by Angular 4 Lazy Loading.  ● Used JSON for data exchange and Rest Services to interact with spring controllers.  ● Configured AWS IAM roles and Security Groups in Public and Private Subnets in VPC.  ● Used Spring Boot which is radically faster in building cloud MicroServices and develop spring based application with very less configuration.  ● Deployed EC2 instances provisioning on AWS environment and implemented security groups, administered Amazon VPCs.  ● Designed overall Microservices architecture including Gateway, API Service, Core Service, Discovery Server and Monitor Server using SpringCloud Netflix.  ● Used AWS code pipeline for moving the code across different environments.  ● Deploy and administer microservices based applications on Cloud infrastructure using Pivotal Cloud Foundry.  ● Extensively used React-Router techniques Axios service to retrieve data from server synchronously.  ● Involved to implement various screens for the front end using React.js and used various predefined components from NPM (Node Package Manager) and redux library.  ● Implemented ElasticSearch for caching to enhance the performance of applications.  ● Implemented Node JS as a server-side proxy for an observing various response time.  ● Implemented modules into Node JS to integrate with designs and requirements.  ● Used Node Package Manager (NPM) to manage modules & used it to install useful tools as Grunt and Express.  ● Used Express JS which is a fast, assertive, essential and moderate web framework of Node.js that helps manage a server and routes.  ● Experienced in converting Hive/SQL queries into Spark transformations using Spark RDD , Scala and Python  ● Worked with Express JS which gives MVC Structure to the Node JS.  ● Built-in AJAX HTTP Service with observables is used extensively for making quick and incremental updates to UI of the application.  ● Build scripts on AWS cloud for scheduling EC2 auto scaling load balancer with python SDK  ● Design and develop microservices based applications using Spring Integration and Spring Boot framework.  ● Applied to the business modules integration using Spring Boot, Cassandra DB.  ● Worked with Cassandra Node Connector for database persistence to interact with Cassandra.  ● Worked in integrating JMS with SPRING BOOT by providing an instance which is embed with Active MQ.  ● Deployed frontend application using AWS S3 and configured CORS to consume RESTful services from another domain.  ● Produced and consumed SOAP web services using Apache CXF and Axis2 framework.  ● Deployed Spring Boot based micro services on Docker containers using Amazon ECS.  ● Created and configured the continuous delivery pipelines for deploying microservices and lambda functions using Jenkins CI server  ● Experience in introducing Docker utilizing Docker tool compartment. Condition provisioning arrangements utilizing Docker.  ● Authenticating Users and to provide the security to Restful web services using OAUTH 2.0.  ● Using Swagger Framework, actualizing the Restful API and Swagger gives the rich UI to test API.  ● Worked on unit test cases using Karma and Jasmine on client side.  ● Wrote comprehensive Unit test cases using JUnit and Spock.  ● Worked with Openshift platform to manage the Dockers containers and Kubernetes Clusters.  ● Load data from various data sources into HDFS using Kafka.  ● Worked with the configured and maintained Jenkins to implement the CI/CD process.  ● **Environment:** Angular 4.0, Node JS, HTML5, CSS3-SASS, Twitter Bootstrap 4.0, ES6 JavaScript, React-Axios, AJAX HTTP Service, TypeScript, Spring boot, JPA, jQuery, OAuth2.0, AWS, Apache Kafka, Active MQ, Jenkins, Bamboo, Log4j, MY SQL, Cassandra DB, EBS, Elastic Load Balancer, Junit4, Spock, Karma, Jasmine, Eclipse Java EE IDE.  **Client: Macy’s, New York, NY Oct 2016 – July 2018**  **Role: Java Developer**  **Responsibilities:**  ● Participated in Agile (Scrum) methodology and was involved in Design, development, System testing, and User Acceptance Testing.  ● The application involved tracking invoices, raw materials, and finished products.  ● Gathered user requirements and specifications.  ● Worked on developing, running, and testing J2EE applications by using the Eclipse IDE, JBoss Tools, and a JBoss Application Server  ● Developed and programmed the required classes in Java to support the User account module.  ● Used HTML, JSP and JavaScript for designing the front-end user interface.  ● Implemented medium to large-scale BI solutions on Azure using Azure Data Platform services (Azure Data Lake, Data Factory, Data Lake Analytics, Stream Analytics, Azure SQL DW, NoSQL DB).  ● Implemented error checking/validation on the Java Server Pages using JavaScript.  ● Developed Servlets to handle the requests, perform server-side validation and generate results for users.  ● Used Java script for client-side validations.  ● Developed several RESTful API web services which produces both XML and JSON to perform tasks, leveraged by both web and mobile applications.  ● Developed the application using industry standard design patterns like Service Locator, Singleton, Business Delegate, MVC, and Factory Pattern etc. for re-usability.  ● Developed SQL queries to store and retrieve data from database & used PL SQL.  ● Used Struts framework to maintain MVC and created action forms, action mappings, DAOs, application properties for Internationalization etc.  ● Used Struts Validation framework to do business validation from server side.  ● Involved in developing business components using EJB Session Beans and persistence using EJB Entity beans.  ● Involved in managing Business delegates to maintain decoupling between presentation & Business layers.  ● Used JMS for Asynchronous messaging.  ● Used Eclipse IDE to develop the application  ● Involved in fixing defects & tracked them using QC & Provided support and maintenance and customization  ● Developing customized reports and Unit Testing using JUnit.  ● Used JDBC interface to connect to the database.  ● Performed User Acceptance Test.  ● Deployed and tested the web application on WebLogic application server.  ● **Environment:** JDK 1.4, Servlet 2.3, JSP 1.2, JavaScript, HTML, JDBC 2.1, SQL, Microsoft SQL Server, Azure, UNIX and BEA WebLogic Application Server.    **Client: InfoTech, Hyderabad, India May 2014 – May 2016**  **Java Developer**  **Responsibilities:**   * Performed an active role in comparing front end data with the data stored in backend. * Executed and written **SQL queries** for data comparison. * Reviewed and analyzed **user requirement documents (URD)**, software requirement **specification document (SRS)**and prepared System test plan by dividing the application into manageable units * Good Knowledge on databases like **Oracle 10g** and **Mysql 5.1** * Interacted with Business Analysts and System Engineers while writing the test plan and test cases. * Created and executed manual test cases and reviewed test cases developed by others. * Implemented error checking/validation on the **Java Server Pages** using **JavaScript.** * Maintained requirements and created Traceability Matrix between Requirements and Test Cases using Test Director. * Developed several **RESTful** web services which produces both**XML** and **JSON** to perform tasks, leveraged by both web and mobile applications. * Performed functional and regression testing of the application manually and also automated. * Used **Eclipse IDE** to develop the application. * Performed cross-browser testing to verify if the application provides accurate information in different (IE, Netscape, AOL) browsers. * Developing customized reports and Unit Testing using **JUnit.** * Used Test Director to generate Reports, manage Defects and track them to completion. * Reported the bugs to the developers and made sure that the bugs were fixed by performing regression testing. * Documented all the high-level test conditions, test cases and test steps using **MS-Excel**. * **SQL queries** were implemented to validate the data. * **Environment**: Test Director, Windows, Java, Servlets, XML, Json, Oracle, Html, Junit, JavaScript and UNIX |
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