**Surya Teja**

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**SUMMARY**

* Around 10 years of strong IT experience, extensively in areas of enterprise & web application development involving system architecture, design, development and maintenance of enterprise level applications under Health, Financial Services and Retail domains
* Extensive experience in Amazon Web Services like EC2, Simple DB, RDS, Elastic Load Balancing, SQS, SNS, AWS Identity and access management, AWS Cloud Watch, Elastic Beanstalk and Cloud Front, Redshift.
* Experience involving configuring S3 versioning and lifecycle policies to and backup files and archive files in glacier.
* Hands on experience in AWS cloudmap infrastructure on various resources IAM, EBS, Security Group and Auto Scaling in Cloud Formation JSON templates and some internet technologies including TCP/IP and HTTP.
* Created Amazon VPC to create public - facing subnet for web servers with internet access, backend databases & application servers in a private-facing subnet with no Internet access.
* Experienced in working with big data technologies like Spark Core, Spark Hql, Spark -Streaming, Kafka.
* Design and development of Server Side Rendered Progressive Web Applications built with ReactJS, Next.js, Node.js, Firebase and Material - UI using HTTPS, Web App Manifests, Service Workers and browser APIs.
* Daily meeting with different teams and report new/pending IAM issues and concerns.
* CreatedSelenium WebDriverautomation scripts usingPythonto validate functionality on various browsers.
* Good experience in developing web applications implementing Model View Control architecture usingDjango, Flask, and springweb application frameworks.
* Hands on experience inAzureDevelopment, worked onAzure web application,App services,Azure storage,Azure SQL Database,Virtual machines,Fabric controller,Azure AD, Azure search, and notification hub.
* Experience in apache Hadoop for storage part in HDFS (Hadoop Distributed File System).
* Extensive experience in design and development of J2EE applications using Core Java, Java 8 Collections, Data Structures, Multithreading, JDBC, Servlets, JSP, EJB, AJAX, JMS Custom Tag Libraries, JSTL, XML and Web Services.
* Worked on Business process diagrams and process flow charts/sequences with RPA tools.
* Worked with React Js & Vue Js to change the stack from regular JS to WebFlux&Vuetify framework using Semantic UI.
* Highly experienced in ETL tool Ab Initio in using GDE Designer. Very good working experience with all the Ab Initio components.
* Developed code in Java 11, J2EE and Hibernate using TDD, Continuous Integration CI.
* Experience in Spring Framework such as Spring IOC, Spring DAO, Spring web flux, Spring ORM, Spring Resources, SpringJDBC, Micro-Services.
* Expertise in development frameworks Struts, Vert.x, spring, EJB, Hibernate and Mybatis.
* Experience on SOA and Web Services like SOAP (JAX-WS) &REST (JAX-RS) using different frameworks like Apache Axis2, Spring-WS, Apache CXF and Jersey.
* Extensive experience of using IDE tools Eclipse 3.2, Netbeans7.1.2, IntelliJ IDEA … for JAVA 8 /J2EEApplication development.
* Experience in working on web servers like Apache and application servers like Web logic, Tomcat, Websphere to deploy code.
* Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by Angular 10.
* Experience in creating build scripts using Ant, Maven and Gradle tools. Extensive experience in implementation of the version control software SVN, CVS, Git.
* Extensive experience in using databases such as IBM DB2, Oracle 11g/10g, SQL Server, PL/SQL and MySQL.
* Responsible for creating efficient design and developing User Interaction screens using HTML, CSS3, Bootstrap, JavaScript, Angular 9 and Node JS.
* Proficient on different data sources ranging from flat files SQL Server, Apache spark, Oracle 11g/ PL/SQL Packages, Procedures, Functions, Triggers and other objects and apache Kafka.
* Expertise in using and implementing design patterns such as Model-View-Control (MVC), Data Access Object (DAO), Service Locator Factory, Singleton & Business Delegate.
* Performed unit testing using JUnit and Mockito aiding test driven Development in some scenarios.
* Worked with RabbitMQ is used for Messaging for decoupling applications by separating sending and receiving data.
* Experience in Micro services development using spring boot and deployment in Pivotal Cloud Foundry (PCF).
* Experienced in development and troubleshooting Web based and enterprise-based applications on Windows, UNIX and Linux platforms.

**TECHNICAL SKILLS:**

**Programming Languages:** Java, SQL, Python, Pig Latin, Shell Scripts, Groovy, Scala

**Java/J2EE Technologies:** Core Java, Spring, Spring Security, Spring Boot, Spring Batch, Hibernate, MyBatis, JSP, JSTL, JMS, ActiveMQ, JUnit, Servlet, JNDI, JDBC, Log4j, Slf4j, RabbitMQ, Elasticsearch

**Web Development:** HTML, CSS, JavaScript, AJAX, JQuery, BootStrap, AngularJS, JSON, Node.js, Express

**Web/Application Servers:** Apache Tomcat, JBoss, Glassfish, WebLogic

**Web Services:** RESTful, SOAP, WSDL, XML, XSD, UDDI, SOAP UI, JAX-WS, JAX-RS, Jersey framework, Apache CXF

**Operating Systems:**UNIX, Linux 4.x/5.x/6.x/7.x, Windows (98, 2000, XP, Vista)

**Databases:** MySQL, Oracle, MongoDB, DynamoDB, PostgreSQL, Cassandra, SyBase

**Amazon Web Services:** EC2, S3, Elastic Beanstalk, RDS, DynamoDB, Lambda, EMR, API Gateway, Cloudfront, SNS, SQS, SES

**Cloud Console Services:**IAM, VPC, Snowball, SES, SNS, SWF, AWS SDK'S, Pinpoint, Elastic cache, Ops Works, code commit, code pipeline, config, Server migration, Amazon EMR, Redshift, storage Gateway, API Gateway, workflow, PCF.

**Big Data Analysis:** Spark, Hadoop 0.x 1.x, MapReduce, HDFS, Hive, HBase, Oozie

**Distributed System & Microservices:** Kafka, Docker, Mesos, Marathon, ZooKeeper

**CI/CD & Version Control:** Git, SVN, Jenkins

**Methodologies:** TDD, Agile Scrum, Waterfall, BDD

**Tools:** Eclipse, Matlab, Excel, IntelliJ, Navicat, Maven, Ant, Gradle, VirtualBox, JIRA, Bugzilla, JasperReports, UML, Enterprise Architect, Cucumber, Github

**Operating Systems:** Window, Linux/Unix, MacOS

**PROFESSIONAL EXPERIENCE**

**DELL, NY Dec 2022 - present**

**Java Backend Developer**

**Responsibilities:**

* Worked within and across Agile teams to design, develop, test, implement, and support technical functions across a full-stack of development tools and technologies
* Exposed to Software Development Life Cycle (SDLC), Agile-Scrum application development methodology.
* Worked using Java 1.8 for implementation development, used Java Collection API for data structure, annotations for code reuse and exceptions to handle the errors.
* Used Spring Boot Microservices to create RESTful Web Services, set JSON data type between front-end and the middle-tier controller, and deployed it on AWS ECS using Docker container.
* Expertience in development frameworks Struts, Vert.x, spring, EJB, Hibernate and Mybatis.
* Extensively developed code for obtaining bean references in Spring 4 and used Dependency Injection and Inversion of Control to make the application reusable and maintainable.
* Developed Object Relational Mapping (ORM) using Hibernate 4 and Develop Data Access Object (DAO) persistence layer.
* Developed UI with HTML5, CSS3, JavaScript, jQuery to make the page more user-friendly and interactive.
* Created a single page application using AngularJS, processed JSON data from RESTful web service by using Ajax to get resources from the database.
* Used MongoDB NoSQL database and set connection by using Hibernate to fetch data from the database and store data in the database.
* Consumed SOAP web Services for communicating with external components.
* Used Java Message Service API for sending detailed notifications and the receipt to the internal customer for testing purpose.
* Integrated REST API with RabbitMQ using Spring Integration.
* Removed single point of failure of state (sticky session) and used AWS Elastic cache to store session related data from different microservice container.
* Proficient in SQL Server and T- SQL (DDL and DML) in constructing Tables, Normalization/ De normalization Techniques on database Tables.
* Created and configured AWS lambda for auto event handling by S3 documents.
* Integrated D3.js reporting component for statistical information display.
* Build server deployment on Cloud (EC2) servers with help of DevOps tools like Puppet.
* Used Log4J for maintaining application running logs and got good troubleshooting feedbacks.
* Developed test cases and performed unit test using Junit 4 framework to test java functions and used Spring-test to do the web service testing.
* Used data bases like Dynamo DB, Cassandra. Setting up and administering DNS system in AWS cloud using Route53.
* Experience in designing ETL data flows using creating mappings/workflows to extract data from SQL Server and Data Migration and Transformation from Oracle/Access/Excel Sheets using SQL Server SSIS.
* Develop and maintain Build, Deployment, and Continuous Integration CI/CD systems.
* Created POC for SSl authorization using vert.xFramework .
* Used Git for Version Control and Maven for the dependency deployment.

**Environment:** Java 11, AWS, Python, JavaScript, Spring 4.0, Spring Boot 1.4.x, VBScript, Eclipse, Web Services (RESTFUL), Spring JDBC, SQL, PCF Redis, Hysterix, HL7, ADA Section 508,JVM,SSMS, Sleuth/Zipkin, Docusign,Vert.x,ECMA Script 6, T-SQL, VB.Net Typescript, Webpack, Open shift, Open Text Exstream, KSH, Bash, ETL, Ab Initio GDE 3.04,3.15, Python, 3.1.7 Co-Operating System 2.14, Jest,2.15API Gateway, cReact.js, Next.js, GCP,IAM, Maven 3.0, Gradle, Jenkins, GitHub, JIRA, confluence, Redux,Bit bucket.

**Vanguard, PA Apr 2020 – Nov 2022**

**Java Backend Developer**

**Responsibilities:**

* Involved in developing components on Reporting Dashboard with Spring MVC, Spring boot, Spring Framework and Hibernate.
* Developed entire frontend and backend modules usingPython on DjangoWeb Framework.
* Worked on building backend REST APIsfor sales dashboard used for reporting. Designed logic to fetch custom data based on the filters select on the UI.
* Processed and published data consumed from upstream applications using Kafka.
* Implemented persistent layer with Oracle to build retry mechanism.
* Performed unit testing using testing frameworks such as JUnit, Mockito. Performed complete database operations for various layers using Spring Data JPA (ORM).
* Developed Python scripts to automate jobs and route requests to different environments
* Designed and developed Microservices using REST framework and Spring Boot and used Bootstrap along with Angular in creating the Application.
* Customized Restful Web Service using Spring Restful API, sending JSON format data packets between front-end and middle-tier controller.
* Used Maven tool to build and packaged, deploy an application project and integrated with Jenkins.
* Implemented modules using Core Java APIs, Java collection, Java 8(Streams), multi-threading, and object-oriented designs.
* Selecting the appropriate AWS service based on compute, data, or security requirements.
* Integration of Amazon Web Services (AWS) with other applications infrastructure.
* Using GIT for software configuration management and version control.
* Preparing test cases and strategies for unit testing and integration testing using JUnit.
* Used Microservices to communicate using synchronous protocols HTTP and REST for implementing SOAP.
* Using the Log4j to log regular Debug and Exception statements. Taken care of Jenkins builds/deployments/Configurations in all level environments.
* Participated in knowledge transfer activities for the new joiners on applications and helping them to settle down quickly in the project.
* Virtualized the servers usingDockerfor the test environments and dev-environments needs, also configuration automation usingDockercontainers.
* Designed and developed Microservices business components using Spring Boot.
* Developed ETL procedure strategies, and worked closely with business and data validation groups to aid and guidance for system analysis, data integrity analysis, and data validation activities.
* Worked with QA team for testing, troubleshooting issues and resolves defects.

**Environment:**Java 11, GRPC, Python, AWS, Shell, Spring Boot 2, Cassandra, Oracle, Microservices, JUnit, Kafka, Maven, Design Patterns, Splunk, Log4j, Git, Spring 4.0, Web Services (RESTFUL & SOAP), MS SQL Server, Spring JDBC,SQL, HL7, T-SQL, VB.Net, Jersey, KeyCloak, VBScript, Typescript, Eclipse,IAM, GCP, JSON, JAXB,React.js, Next.js,Unix, Linux, Log4j, STS, Mockito,enzyme, Spring web flux, Docusign, Openshift, ETL Ab initio,Jest, Red Hat JBoss, Python, Maven 3.0,Redux, Jenkins, JVM, GitHub, JIRA, confluence, TDD, Bit bucket, SonarQude, API Gateway

**ProTech Solutions, Little Rock, AR Jan 2018 – Mar 2020**

**Java/ J2EE Developer**

**Responsibilities:**

* Design, Development and implementation of Product Lifecycle admin site based on -"MVC" architecture and Front control design pattern using Spring MVC Framework for Presentation tier and server-side J2EE technologies
* Involved in the meetings with business users to understand the business requirements, translating the business requirements and functional requirements into story boards and creating POC's for various critical modules.
* Used features of spring framework like IOC, AOP and Spring Hibernate integration on the server side.
* Responsible for designing the schema model and logical flow of the Security Model module.
* Designed and developed client interactive login screens using JSP, HTML, JavaScript, and SpringMVC for more interactive web pages.
* Involved in helping team members to debug issues with the application and designed and prepared Unit test case using Junit, Mockito and Log4j.
* Implemented Data Access Object (DAO) layer using Spring JDBC Template and Spring JDBC which is used by the Hibernate API calls to interact with the database.
* Involved in monitoring and supporting the application, providing resolution and troubleshooting issues as per their severity level.
* Involved in preparing the Detail Design Document.
* Used JavaScript for client side validations like validating users input data, date formats.
* Responsible for moving legacy information in to new system and transferring their information into FTP as a flat file.
* Designed and implemented a Cassandra noSQL based database and associated RESTful web service that persists high-volume user profile data for vertical teams.
* Worked on the Middleware team to broaden and upgrade their event framework to employ Java 7 to comply with SSL and PCI credit card requirements
* Used AngularJS as the development framework to build a single-page application.
* Developed J2EE application to search for the obsolete data which are not part of the data migration.
* Responsible for enhancing the Search functionality.
* Worked with SQL plus to interact with Oracle tables.
* Followed the Agile process and involved in Scrum meetings.
* Involved in the Integration, User Acceptance and Production testing.

**Environment:** Java, Spring2.5/3.0, Hibernate3.0, JSP, Spring batch, Cassandra, GIT, Spring boot, Jenkins, Angular JS, Junit, Hibernate, Bootstrap, JavaScript, Oracle WebLogic Server, Oracle 11g,Windows, Engineering Central, JUnit, HTML, CSS, HQL, XML, Bugzilla, Eclipse, SQL Plus

**PNC Group Inc, India Aug 2015 - Sept 2017**

**Java Developer**

**Responsibilities:**

* Performed validation for client side as well as server side with the help of StrutsValidation Frame Work.
* Used ORM technology such as Hibernate to provide an object model for the data in database for ease of access.
* Used Hibernate mapping techniques such as One to One, Many to One and Many to Many mappings to represent relation between various entities in the project.
* Configured and used JBoss application server for creating Datasource and enabling JNDI for beans and database lookups.
* Involved in the implementation of Stateless session beans EJB for business logic layer and Entity beans for persistence.
* Designed and implemented the entire university's Financial Services web system making it compatible with PeopleSoft system and allowing delegated users to have access to the required financial reports.
* Used MySQL and Oracle platforms to create databases of student and faculty login information and their desired areas of study.
* Used Eclipse and Net Beans as IDE tools to build up applications.
* Used Strutsframework to implement the MVC architecture for most applications.
* Developed codes for ActionServlet, RequestProcessor, and Action classes by extending Struts package.
* Used EJB 3.0 Message Drive Beans to initiate daily process.
* Executed quality and assurance testing in developed application, reduced performance errors on average by 95 .
* Resolved Blackboard problem tickets and made 100 follow ups maximizing the customer satisfaction.
* Developed UML diagrams to develop use cases for various applications.
* Designed and implemented web application and web services to allow secure communication system among the BYU SAAS employees, administrators and students.
* Designed and implemented web application and provided more than 30,000 users the facility to register their vehicles as well as pay their traffic citations online.
* Provided weekly status reports to the manager with the latest information of all ongoing activities.
* Involved in complete SDLC management using Rational Unified Process Requirements gathering, Design, Analysis, Development and Testing
* Followed the Java coding standards for scalability, reusability and ease of maintenance.
* Used Struts framework along with JSP, Servlets, HTML, CSS, JQuery and JavaScript to construct dynamic web pages.
* Performed validation for client side as well as server side with the help of Struts Validation Frame Work.
* Created XML Schema, XML template and XSL. Developed Web Services Application using SOAP and WS-Security
* Developed and maintained elaborate services based architecture utilizing open source technologies like Hibernate ORM.
* Deployed components on Web Sphere application server.
* Designed banking web application by implementing the Struts 1.2 framework for Model View Controller MVC pattern.

**Environment**: HTML, CSS, J2EE, JSP,JSTL,Struts, JavaScript, IBM Web Sphere, XML,SOAP,Mysql, Subversion, Maven, JUnit, UML.

**GAVS Technologies, India Oct 2013 – July 2015**

**JavaDeveloper**

**Responsibilities:**

* Involved in analysis and design phases of Software Development Life Cycle (SDLC).
* Worked as a part of the Business Analysts team to understand the requirements.
* Written Technical Design Document for the application
* Development UI modules using HTML, JSP, JavaScript and CSS.
* Designed and developed application based on Spring MVC design pattern, used spring validation and wrote validation rules.
* Developed components using Spring Framework ( Spring MVC, Spring DAO, Spring AOP)
* Primarily focused on the spring components such as Dispatcher Servlets, Controllers, Model and View Objects, View Resolver.
* Responsible in development of Web Services using SOAP based Web Services.
* Involved in the implementation of DAO using Spring-Hibernate ORM.
* Used Hibernate, object/relational-mapping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with a SQL-based schema.
* Involved in the implementation of beans in Application Context.xml.
* Worked with the XML and developed Web Services using APACHE Axis.
* Extensively worked with Oracle to write store procedures and views
* Writing service methods and SQL queries, PL/SQL to interact with the Oracle DBMS and writing test cases using JUnit Frames.
* Wrote different stored procedure and did fine tuning of slow performing SQL.
* Written Triggers, and Views as part of development of the Application.
* Developed the client-side validation for the entire screen using Java Script
* Setup Data access layer with JDBC Template and Hibernate Template on Spring framework.
* Developed the project with good security features using hidden fields and encryption
* Prepared detailed design specifications and performed code reviews.
* Involved in Code Review Corrections & Bug fixing.
* Developed Test cases for Testing

**Environment:** Java, J2EE, Struts, JSP, JDBC, Servlets, JavaScript, JUnit, Hibernate, WebLogic, Log4j, Maven, CVS, CSS,HL7, Python, API Gateway,HTML, ECS,PL/SQL,Agile, Scrum, Oracle, Eclipse, ECMA, Windows, Linux,Reflux,JVM, Net Beans, Apache Tomcat, SVN, DB2, MVC.