**Sachin Kumar Somireddy**

[pavani.g@s3staff.com](mailto:pavani.g@s3staff.com)

949 237 7701

**Professional Summary:**

* Having 8+ years of professional IT experience in designing and developing Web based and Enterprise applications using JAVA/J2EE technologies in Financial, banking, and Digital domains.
* Experienced in all phases of Software Development Life Cycle (SDLC) including Analysis, Design, and Development, Debugging, Support, Integration, Maintenance, and Enhancements of Java/J2EE Applications.
* Experience in working in environments using Agile (SCRUM) and Waterfall development methodologies.
* Expertise in client and server scripting languages like HTML5, CSS3, JavaScript, Bootstrap, jQuery, Angular JS.
* Experience with Java 8 features such as lambda expressions, Parallel operations on collections and for effective sorting mechanisms and new Date Time API.
* Experience in developing and solid understanding of Service Oriented Architecture and Micro Services Architecture.
* Experience in developing web-based enterprise applications using Core Java, J2EE, Servlets, JSP, JSF, JDBC, Hibernate, Web Services (SOAP and REST), MVC Framework (Struts, Spring MVC) and SQL.
* Experience in both providing and consuming Web Services using SOAP and RESTful Web Services (JAX-RS and JAX-WS).
* Experience using persistence framework like Hibernate, JPA for mapping java classes with Database and using HQL (Hibernate Query Language).
* Strong experience in Core Java concepts like Collections, Multithreading, Event Handling, Exception Handling, and Generics.
* Experience with different Spring framework modules like Spring Core, Spring AOP, Spring IOC, Spring MVC, Spring Boot.
* Expertise in XML technologies such as XSL, XSLT, XML schemas, XPath, X-Forms, XSL-FO and parsers like SAX, DOM.
* Deployed Java applications on GCP using tools like Cloud Deployment Manager or Cloud Monitoring.
* Good experience with Relational databases like Oracle, My SQL, and No SQL databases like Mongo DB.
* Experienced in implementation of JMS to exchange information over reliable channels in an asynchronous way by using Active MQ as a message queue.
* Experience with application servers like Web Logic, JBOSS, Apache Tomcat and IBM Web Sphere.
* Good experience writing application deployment scripts using Shell Scripting. Worked on Windows, UNIX, LINUX platforms to move the project into production environment.
* Experience with JUnit and Mockito in developing test cases and Log4J in determining application functionality.
* Working knowledge with version control tools like SVN, CVS, GIT.
* Hands on experience in building tools like ANT, Maven, Gradle.
* Experience with messaging systems like Kafka and Kafka event event sourcing.
* Involved in issue tracking and agile project management using JIRA.
* Highly experience with Java complaint IDEs like Spring Tool Suite, Eclipse, IntelliJ, and RAD.

**Technical Skills:**

Languages C, C++, Java 1.8, J2EE.

Web Technologies HTML5, CSS3, JavaScript, AngularJS, React JS, XML, XSD, XSL/XSLT, SAX/DOM, AJAX, jQuery, Bootstrap, JSON.

Tools & Framework Struts, Spring, Hibernate, Spring MVC, Spring Cloud, Spring Web Flow, Spring IOC, Spring AOP, Spring Boot, Spring Batch, SOAP UI.

J2SE/J2EE Technologies JDBC, Servlets, JSP, JSF, JMS, JSTL, Struts, Hibernate, Spring, JTA, JNDI, JPA, Web Services.

Development Tools Eclipse, RAD, Spring Tool Suite STS, IntelliJ.

Databases Oracle, MS SQL, IBM DB2, MySQL server, MongoDB.

Testing Tools/ Others JUnit, SoapUI, Log4j, Mockito, JIRA.

Version Control SVN, GIT, Clear case.

Build Automation ANT, Jenkins, Maven, Gradle.

OS & Environment Windows, UNIX, LINUX, MAC.

Cloud Technologies AWS EC2, S3, Dynamo DB, Elastic Beanstalk EBS, Docker.

Methodologies Agile, TDD, Waterfall.

**Professional Experience:**

**Client: PayPal, San Jose, CA October 2021 – Till Now**

**Full Stack Java Developer**

**Description:** PayPal is an online payment platform that offers individuals and businesses low-cost services. PayPal has been its own company since 2015. 1. In addition to online payments, PayPal also offers a variety of related services including debit cards for payments, credit card readers for small merchants, and lines of credit.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) such as requirements gathering, modelling, analysis, design, development, and testing.
* Upgraded existing UI with HTML5, CSS with Angular JS interaction.
* Designed, developed a custom, single-page, responsive web application on front end using React JS.
* Developed custom directives, Factories and Services in React JS and created React JS Controller to isolate the scopes to perform operations.
* Installing, configure and hosting the Tomcat app servers and MySQL database servers on physical servers (Linux, Windows), and Amazon AWS virtual servers (Linux).
* Developed an API to write XML documents from a database. Utilized XML and XSL Transformation for dynamic web-content and database connectivity.
* Designed the application using various Spring technologies and used Spring Security to provide better authentication instances.
* Developed SOAP based JAX-WS Web Service interfaces for integrating multiple systems, code re-usability.
* Developed Restful Web services for other systems to interact with our system and secured the service with Spring-Security Oauth-2.0. Added WS-Security using XWSS to secure the Web services.
* Used AWS SDK for connecting to Amazon S3 buckets and EC2 to deploy on Docker Container with Microservices architecture.
* Refactored existing monolithic application by identifying components that need to be transformed to Micro- services architecture, with Spring Boot-based services interacting through a combination of REST and AWS API-Gateway.
* Used Microservice architecture with Spring Bott based services interacting through a combination of REST and Apache Kafka message brokers.
* Used Micro-services to ensure the scalability of application on cloud infrastructure.
* Developed the persistence layer using Hibernate Framework, created the POJO objects and mapped using Hibernate annotations and Transaction Management.
* Implemented Web-Services to integrate between different applications components using Restful web services by using Jersey for JAX-RS implementation.
* Developed data transformer for converting legacy data from Source tables to avro format and fed into Kafka using Camel.
* Developed SOAP based JAX-WS Web Service interfaces for integrating multiple systems, code re-usability.
* Extensively used JSON to parse the data from server side to satisfy the business requirement.
* Developed unit and integration tests for existing microservices using JUnit, Mockito and Docker environments.
* optimized Java applications by leveraging GCP services to improve scalability, performance, or cost efficiency.
* Involved in installing and configuring Maven for application builds and deployment.
* Configured and customized logs using Log4J and Used GIT as a version control tool.
* Worked extensively on projects using SQL and PL/SQL. Expertise in using NoSQL Databases like Cassandra, MongoDB, and Amazon DynamoDB.
* Used JIRA to assign, track, report and audit the issues in the application.
* Deployed Java applications on GCP using tools like Cloud Deployment Manager or Cloud Monitoring.
* Setup the CI and CD process for the application using the Jenkins.

**Environment:** HTML5, CSS3, JavaScript, Bootstrap, AngularJS, jQuery, AJAX, Agile (SCRUM), Hibernate, Spring, Struts, MongoDB, Spring Batch, Spring Boot, servlet, JSON XML, GIT, Spring MVC, Apache Camel, Kafka, JUnit, Maven, JMS, WebSphere, Restful, JAX-RS, Linux, Log4J, AWS, GCP, Cassandra, Docker, Microservices, JIRA, Jenkins, JMeter, GIT, Maven

**State of New York, Albany, NY February 2020 – September 2021**

**Java Developer**

**Description:** New York State has a large, multi-faceted mental health system that serves more than 700,000 individuals each year. The Office of Mental Health (OMH) operates psychiatric centres across the State, and regulates, certifies, and oversees more than 4,500 programs, which are operated by local governments and non-profit agencies. These programs include various inpatient and outpatient programs, emergency, community support, residential and family care programs.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) such as requirements gathering, modelling, analysis, design, development, and testing.
* Developed the view-controller components using JSPs, HTML5, CSS3, jQuery, AJAX, and JavaScript.
* Implemented routing logic and navigation from screen to screen and implemented login functionality on the client side in AngularJS.
* Implemented core features of AngularJS framework such as dependency Injection, Databinding, Filters, Directives, Templates, Services and Deep Linking Designing.
* Used Java 8 features like stream and Lambda expressions.
* Maintained Interface compatibility and concurrency in the project using Java 1.8 new features like default, static methods, and Concurrency API.
* Developed the monolithic application and involved in migrating existing monolithic application into Micro Service Architecture based RESTful Service and deployments were done on AWS.
* Designed and developed Micro Services business components using Spring Boot.
* Used Spring MVC framework for implementing Model-View- Controller (MVC) architecture at the Web tier level to isolate each layer of the application so that complexity of integration will be reduced, and maintenance will be very easy.
* Used Spring AOP for solving crosscutting concerns like keeping logged data and transactions details etc.
* Used Spring Batch for processing large amount of data like transaction management, job processing, resource management and logging.
* Used WebLogic server to route our JMS queue messages to different business floors and configured routes in WebLogic and used JMS in e-mail notification.
* Worked on setting up Maven scripts to build, package, and deploy application code to the target WebLogic Application Servers and worked on continuous integration servers like Jenkins.
* Worked on developing RESTful endpoints to cache application specific data in in-memory data clusters like REDIS and exposed them with RESTful endpoints.
* Focused on Test Driven Development there by creating detailed JUnit tests for every single piece of functionality before writing the functionality.
* Designed data models in Cassandra and working with Cassandra Query Language.
* Worked in Agile TDD environment using SDLC tools like GIT, Jira, Jenkins, and Maven for build packaging and deployments of the application components.

**Environment:** Agile methodology, Java 1.8, J2EE, HTML5, CSS3, JavaScript, jQuery, Ajax, AngularJS Hibernate, Spring, boot, JSP, JAX-RS, Spring security, Spring AOP, Oracle, JSP, Cassandra,Micro Services, SQS, Docker, JMS, GIT, JIRA, STS, JUnit, Log4J, Maven, Jenkins, Web Sphere Application Server.

**JPMC, Newark, DE February 2018 – January 2020**

**Java Developer**

**Description:** JP Morgan Chase is a leading global financial services firm with assets of $2.6 trillion and operations worldwide. The firm is a leader in investment banking, financial services for consumers and small business, commercial banking, financial transaction processing, and asset management.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) such as requirements gathering, modelling, analysis, design, development, and testing.
* Developed front-end content using HTML5, CSS3, JSP, jQuery, Bootstrap.
* Developed Single page application and structured the JavaScript code using AngularJS.
* Expertise in designing, developing, testing & deploying J2EE Applications using Servlets, JSPs, EJBs, Web Services.
* Maintained Interface compatibility and concurrency in the project using Java 1.8 new features like Lambda expressions, default, static methods, and Concurrency API.
* Developed Angular 2.0 custom directives and used Routes and Factory validations in Angular.
* Integrated Open stack API with Amazon EC2 cloud-based architecture in AWS. Having experience with Cloud Computing environment and Utilized Amazon Web Services (AWS) EC2 to deploy Docker containers.
* Implemented the function to send and receive AMQP messages on RabbitMQ synchronously and asynchronously and send JMS message to Apache ActiveMQ on the edge device.
* Developed RESTful Web services for transmission of data in JSON format.
* Developed the application with various Spring Framework modules like Spring IOC, Spring AOP, Spring Boot, Spring Security, and Spring Batch.
* Used Spring MVC framework at the Web tier level to isolate each layer of the application so that complexity of integration will be reduced, and maintenance will be very easy.
* Used Spring AOP for solving crosscutting concerns like keeping customer log data and transactions details.
* Developed the persistence layer using Hibernate Framework by configuring the various mappings in Hibernate files and created DAO layer.
* Involved in design and development of the Hibernate Domain Model for the service.
* Demonstrate exposure with Continuous Integration, Continuous Deployment to DevOps CI/CD tool Methodologies.
* Secured the API's by implementing Oauth2 token-based authentication/authorization scheme using Spring Security.
* Create and configured the continuous delivery pipelines for deploying Micro Services by using Jenkins.
* Installed, monitored, and maintained the development infrastructure including JIRA.
* Used Git to maintain the version of the files and took the responsibility to do the code merges and creating new branch when new feature implementation starts.
* Used Maven as build automation tool for deploying the project on WebSphere Application Server.

**Environment:** Agile Methodology, Java 1.8, J2EE, Golang, HTML5, CSS3, jQuery, Ajax, Rest API, Bootstrap, JavaScript, AngularJS, JSP, Hibernate, Spring Framework, Spring MVC, Spring IOC, Spring boot, spring security, OAuth, JAX-RS, GIT, JUnit, Maven, Restful, Amazon Web Services (AWS), EJB’s, Micro Services, Mongo DB, WebSphere, JIRA, Jenkins, Spring Tool Suite, Devops (CICD).

**Lexis Nexis, Sacramento, CA August 2016 – January 2018**

**Java Developer**

**Description:** LexisNexis is a corporation providing computer-assisted legal research (CALR) as well as business research and risk management services. During the 1970s, LexisNexis pioneered the electronic accessibility of legal and journalistic documents.

**Responsibilities:**

* Involved in analysis, specification, design, implementation, and testing phases of Software Development Life Cycle (SDLC) based on the functional requirements.
* Application is implemented using agile methodology where there is a daily SCRUM meeting to understand the status and resolve any issues.
* Upgraded existing UI with HTML, CSS, jQuery, Bootstrap and interaction.
* Implemented the application using Spring IOC, Spring MVC Framework, Spring AOP, Spring Boot, Spring Batch, and handled the security using Spring Security.
* Designed and developed the End Points (Controllers), Business Layer, DAO Layer using Hibernate/JDBC template and Spring IOC (Dependency Injection).
* Spring MVC model integration for front-end request action controller.
* Developed the persistence layer using Hibernate Framework, created the POJO’s and mapped using Hibernate annotations and Transaction Management.
* Extensively used hibernate named queries, criteria queries, Hibernate Query Language (HQL) and Optimistic Locking and Caching to process the data from the database.
* Involved in creating various Data Access Objects (DAO) for addition, modification and deletion of records using various specification files.
* Used Apache Axis Service Engine for creating and deploying Web Service clients using SOAP.
* Consumed SOAP and RESTful Web Services in SOA environment and used SOAP UI for testing.
* Involved in production support during deployments and worked on resolving tickets raised by business users and L1 supports.
* Extensively used JUnit for unit testing, integration testing and production testing.
* Involved in installing and configuring Maven for application builds and deployment.
* Used JIRA to assign, track, report and audit the issues in the application.
* Worked with Intellij and used Gradle build tool to achieve more functionality for build process.
* Involved in Maintenance and Enhancements for the project.

**Environment**: Java, HTML, CSS, JavaScript, Ajax, jQuery, AngularJS, Spring, Hibernate, Jenkins, JAXP, JAXB, AWS, JMS, SVN, JSP, Servlet, JBoss, Oracle, RESTful Web Services, AXIS.

**Techno soft Solutions, Hyderabad, India June 2014 – April 2015**

**Java/J2EE Developer**

Description: Techno soft provides a range of professional services delivered by experts with operational experience building and running the largest E-Mail, messaging, and Internet networks. These services range from architecture and design of software solutions, website design & development to deployment services and operational support.

**Responsibilities:**

* Developed front-end screens using JSP, HTML, CSS, JavaScript, JSON.
* Implemented Struts MVC design pattern and front controller pattern along with Action Servlet as front controller for this application.
* Developed SCM by using the JSP/HTML like one form for each functionality user interface, standard validations using the JavaScript, Servlets used as the controllers for the business logic and business logic using JDBC, XML parsing techniques using MVC.
* Developed SingleSignOn (SSO) functionality, through which we can run SCM from Oracle Applications.
* Involved in developing the Routings and configured Routing Program as scheduled the concurrent request.
* Developed Server-Side components for the business services for creating Items, BOM, Sourcing Rules, and substitute.
* Involved in raising the Notifications to Oracle Users through Mailing Concept for intimating to start the next process using workflow.
* Extensively worked on creating the setups for Organizations, Templates, Concurrent Requests, Cross Reference Types, User Creations, assigning responsibilities, creating value sets, Descriptive Flex Fields etc. in Oracle Applications.
* Used CVS as version control system.

**Environment:** Java, JDBC, Servlets, Oracle, JSP, XML, UML, HTML, CSS, JavaScript, UNIX, CVS.

**EDUCATION:**

* Bachelor’s in Electronics and Communication Engineering from JNTUH, India
* Masters Electrical Engineering Northwestern Polytechnic University, USA