Ajay Mechineni

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Location: Des Moines, IA

SUMMARY:

✦ Around 8+ years of diversified experience comprising of delivery management, design, development, deployment and cloud implementation with thorough knowledge in AWS, Java, J2EE, Hadoop Big Data and related technologies. As Full stack developer with extensive Knowledge Working in Various Stack Such as Full Stack, Mean Stack with experience in Angular, Node.js, React.js in all stages of Full Software Development Life Cycle (SDLC) in various Information Technology areas involving Java/JavaScript/ J2EE, SOA/Web services and Frameworks (Spring and Hibernate).

✦ Extensive industry experience with proven expertise in system development activities including requirement analysis, design, coding, testing and implementation with emphasis on Object Oriented, J2EE and Client Server technologies.

✦ Expertise in distributed, secure and scalable application development using J2EE Technologies like Servlets, JDBC, JSP, Struts, Spring IOC, Spring MVC, Amazon Web Services (AWS), Web Services development (SOAP and RESTful).

✦ Experience with architectures such as Redux to manage state of the application while working with frameworks such as React JS.

✦ Ample experience in back-end technologies including SQL databases such as DB2, PostgreSQL, MySQL, and Oracle Database and NoSQL Databases such as Dynamo DB also in front-end technologies like HTML5, JavaScript, jQuery, CSS3, AJAX Angular JS, React JS, Bootstrap JS, web accessibility and responsive web designs, and APIs of all kinds, I've built high-availability AWS and Digital Ocean, Nginx, Apache HTTPs.

✦ Experience in develop, containerize, deploy and secure micro services in container orchestration environments

✦ Experience in designing and developing CICD pipelines using various CI tools like Jenkins, GitLab

TECHNOLOGY AND TOOLS:

J2SE Technology	Multithreading, Reflection API, Collection API, Networking, Exception Handling
Middleware Technology	JMS, MQ Messaging, Tibco, Active MQ, RabbitMQ.
J2EE Technology	Servlets, JSP, SOAP, REST, JDBC, JNDI
J2EE Frameworks	Spring MVC, Struts 2.0, JSF
Architecture & Framework	Spring Boot, Spring, Hibernate, Spring Cloud

Database	Oracle 10g, 11g, PostgreSQL, MySQL, MongoDB
IDE	STS, Eclipse, My Eclipse, NetBeans, IntelliJ IDEA
Operating Systems	Windows 10x/NT/XP/2003/7/8, Linux, UNIX, Mac
Defect Tracking Tools	JIRA, HP ALM.
Web/App Servers	WebLogic, Web Sphere, Tomcat, JBoss, Apache
Web Technologies	HTML5, XML, JavaScript, Node.js, Angular JS, jQuery, CSS3, Angular7+, JSP, AJAX, XSLT, XHTML, DHTML, React JS, Express JS
Cloud Technologies	Azure, AWS
Query Languages	SQL, PL/SQL
Programming Language	C, C++, Java.
Script	PHP, Shell
Design patterns	Front Controller, Factory, Singleton, Strategy
Tools	Maven, Gradle, ANT, Log4J, JUnit, TOAD, Apache Camel, ESB, Cucumber, Microsoft Visio 10

PROFESSIONAL EXPERIENCE:

Client: CALSTRS, Sacramento, CA   **Nov 2022 - Present**

Sr. Java Full Stack Developer

Responsibilities:
- ✦ Participated in the review of business requirements and functional designs for applications and contributed to creating Wire Frames.
- ✦ Engaged in an Agile process, bi-weekly Sprints, and daily Scrums to facilitate development discussions and adopt a Test-Driven Development (TDD) approach.
- ✦ Involved in batch processing using Spring Batch framework to extract data from database and load into corresponding App tables.
- ✦ Worked with Spring Boot and the ability to create microservices using Spring Boot.
- ✦ Extensively worked on front end, business, and persistence tiers using the struts frameworks.
- ✦ Involved in design, development, and testing phases of software development life cycle.
- ✦ Designed and developed Service layer using Struts framework.
- ✦ Developed use case diagrams, class diagrams, database tables, and provided mapping between
- ✦ relational database tables and object-oriented java objects using Hibernate.
- ✦ Involved in designing and implementation of MVC design pattern using Struts framework for Web-tier.
- ✦ Developed presentation layer using struts tag libraries like logic, html, bean etc. in JSP pages.
- ✦ Implemented web page layout using struts tiles libraries, and performed struts validations using Struts validation framework.
- ✦ Extensively used Hibernate concepts such as inheritance, lazy loading, dirty bit checking, optimistic locking, and transactions.
- ✦ Followed Agile software development practice paired programming, test driven development and scrum status meetings.
- ✦ Implemented SOA based web services, designed and built SOAP web service interface, implemented

using SOAP & Apache Axis.
- ✦ Involved in developing Unit test framework using JUnit. Wrote JUnit test cases for every java class.
- ✦ Made proficient use of WSDL files. Used SOAPUI for testing the web services.
- ✦ Utilized GitHub and Gitlab, private and public repositories, for version control, and JIRA for defect tracking.
- ✦ Strong command-line skills in Linux, including shell scripting and automation using Bash.
- ✦ Experienced in server-side Java development on Linux, utilizing frameworks like Spring and Hibernate.
- ✦ Proficient in managing databases like MySQL, PostgreSQL, and Oracle on Linux for Java applications.
- ✦ Experienced with Docker for containerization and Kubernetes for orchestration, particularly in the context of Java applications on Linux.

Environment: Java1.8, Spring, Struts, JSP, Servlets, Hibernate, JUnit, Webservices, SOAP, JSP, XML, HTML, jQuery, CSS, JMS, JavaScript, Oracle, Rational Clear Case, UML, Toad, Agile, Maven, Linux/Unix.

Client: Wabtec Corporation, Pittsburgh, PA   **May 2021 - Oct 2022**

Sr. Java Full Stack Developer

Responsibilities:
- ✦ Implemented the Router Module of Angular 11 to transform the entire project into a Single Page Application and incorporated routers based on specific requirements.
- ✦ Employed Angular 11 CLI to troubleshoot and address issues within the Angular 11 virtual environment.
- ✦ 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.
- ✦ Developed Loan Vue batch to process the MSP files to Mongo using Spring batch.
- ✦ Developed REST APIs for Loan Vue process.
- ✦ 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
- ✦ 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.
- ✦ Worked with Linux operating systems through AWS to Manage Applications.
- ✦ Involved in the Integration, User Acceptance and Production testing.
- ✦ Experienced in deploying Java applications on cloud platform using Linux servers.

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, Linux, JUnit, HTML, CSS, HQL, XML, Bugzilla, Eclipse, SQL Plus

Client: Ciox Health, Alpharetta, GA   **Jul 2019 - Apr 2021**

Full Stack Developer

Responsibilities:

- ✦ Reviewed business requirements and functional designs for the application and participated in creating wireframes.
- ✦ Participated in the Agile process, including bi-weekly sprints and daily scrums, to discuss development progress and follow a test-driven development (TDD) approach.
- ✦ Involved in consuming RESTful services and processed JSON data to render on UI.
- ✦ Implemented PL/SQL queries and used Oracle stored procedures, and built-in functions to retrieve and update data from the databases.
- ✦ Designed and implemented Integration API's that can be used to manage product activation, deactivation, and adding/removing products.
- ✦ Used Kubernetes as an orchestration tool to manage the Docker container to facilitate the management and deployment of the containers in distributed architecture.
- ✦ Created Rest web services and consumed them through front end Angular to achieve a complete workflow of operations.
- ✦ Used Oracle 12c to store data and retrieve data as required by the user.
- ✦ Maintained Test Driven Development (TDD) approach using Agile Methodologies.
- ✦ Implemented Microservices Architecture with Spring Boot-based RESTful services and consumed SOAP-based Web Services.
- ✦ Implemented Spring Security with OAuth 2.0 for the Authentication, Authorization and accessing Resources using Access tokens that involve Authorization server and Resource.
- ✦ Used Splunk tool to search the application logs and used Log4j for logging.
- ✦ Worked as a part of Agile team and followed the methodology on a routine and attended regular Scrum meetings held by the Scrum Master.
- ✦ Participated in planning, implementing, and expanding customer's Confidential Web Services (AWS) foundational footprint.
- ✦ Expertise in Agile SDLC methodology & project planning using JIRA.
- ✦ Worked with Angular Flex Layout, which provides a sophisticated layout API using Flexbox CSS and media queries. Used custom Layout API, media query observables, and DOM injection to implement component layouts.
- ✦ Implemented Model View Control (MVC) architecture using Spring, Java (Collections, OOP Concepts), JSP, Servlets, Struts, springs, Hibernate, JDBC.
- ✦ Participated in designing the style guide and branding for the entire project.

✦ Responsible for application development using Java/J2EE technologies which includes implementing Model View Control (MVC) architecture using Spring, JDK 1.8, Core Java (Collections, OOPS Concepts), JSP, Servlets, Struts, springs, Hibernate, Web Services, AJAX, JDBC, HTML and JavaScript.
✦ Implemented the complete application using the built-in MVC architecture of Angular.

Environment: Java 1.8, Spring Boot, Spring MVC, Hibernate, Angular, Spring AOP, Hibernate 4.0, JAX-RS Webservices, JAX-WS Webservices, Micro services, AJAX, Oracle 12C, Mongo DB, Docker, Chef, JMeter, Apache Camel, AWS.

Client: ALDI, Batavia, IL   **Dec 2017 - June 2019**

Full Stack Developer

Responsibilities:

✦ Worked on Restful web services which enforced a stateless client server and support JSON few changes from SOAP to RESTFUL Technology Involved in detailed analysis based on the requirement documents.
✦ Participated in requirement gathering and worked closely with the architect in designing and modeling.
✦ Involved in the design, development and testing phases of application using AGILE methodology.
✦ Designed and maintained databases using Java and developed Java based API (RESTful Web Service) using SQL Alchemy and PostgreSQL.
✦ Involved in developing components on Reporting Dashboard with Spring MVC, Spring Framework and Hibernate and created Micro services using Spring Boot.
✦ Develop consumer-based features and applications using Java, HTML, behavior Driven Development (BDD) and pair-based programming.
✦ Designed and developed the UI for the website with HTML, XHTML, CSS, Java Script and AJAX
✦ Created and managed all hosted or local repositories through Source Tree's simple interface of GIT client, collaborated with GIT command lines and Stash.
✦ Designed dynamic client-side JavaScript codes to build web forms and performed simulations for web application page.

Environment: HTML, XHTML, CSS, JavaScript, Spring MVC, Spring, PostgreSQL, Hibernate, Spring BOOT.

Client: Fortune soft IT Innovations, India   **June 2015 - Nov 2017**

Full Stack Developer

Responsibilities:

✦ Involved in design, development and testing phases of the SDLC using Agile Methodology.
✦ Developed Spring Boot application with Microservices, deployed it into AWS using EC2 instances.
✦ Implemented asynchronous messaging service using Kafka in Microservices-based application.
✦ Designing and implementing scalable, RESTful, and Microservices-based backend application.
✦ Used Postman tool to test the API workflow on JSON files which are generated by NodeJS
✦ Create Spring Boot based Microservices apps for various stages (Integrate, validate, rate, pay, decision, aggregate, audit, and exception)
✦ Developing and editing user Interface Screens for presentation logic using JSF, JSP, HTML5, CSS3, Bootstrap, JavaScript, and Angular.
✦ Implemented client-side data validations using JavaScript, Server-side validations with JSF validators.
✦ Developed the Rest API using the Java Spring Boot framework required for completing the stories.

- ✦ Managed hundreds of Enterprise Archives and Streamlined the process of their deployment in WebSphere Application Server by creating Jenkins Pipelines.
- ✦ Architected and Orchestrated the Build, Deploy, Test and Report Management Jenkins Pipelines.

Environment: Tomcat, Groovy/Grails, Java1.8, JSP2.0, Servlets, EJB2.0, Struts1.2, Spring 2.0.3, JDBC 3.0, Design patterns, Html, XML, CSS, Log4j, Ant, SOAP Web services, Junit, Maven, JavaScript, Angular.

Education:
Master's in Computer Science from University of Dayton. Dayton, OH.

Bachelors in Computer Science from JNTU, Hyderabad, India