Harry Sun

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SUMMARY:

* Over 10 years of experience in software design and development of Full-Stack and Java Developer with strong Object Oriented Programming skills as Analysis and Design, Development, Implementation and Testing.
* 9+ years of experience dedicated to developing Java, Python, JavaScript, and C++.
* Over 8 years of experience in Spring Boot application to develop the Restful Controller and Service layers to handle customer requests..
* Extensive experience in building Microservices with Java.
* Strong knowledge and development skills in Core Java concepts such as Polymorphous, Collections Framework and Multi-Threading.
* Experience in developing Server Side programming using J2EE technologies such as Spring, Hibernate, Mybatis, etc. Strong hands-on experience in their configuration, integration and implementation.
* Deep understanding of **SDLC**, **Agile** Models, and Rapid Prototyping Models.
* Solid grasp on **Core Java** – asynchronous programming, multithreading, collections, and design patterns such as **Singleton, Factory, Adapter, Visitor, Observer, Decorator.**
* Experienced in MVC architecture with Spring MVC.
* Familiar with Spring Boot, Spring Security familiar with quick development of Java backend flow.
* Experience in developing front end projects using HTML, CSS, JavaScript, JQuery, JSP, JSON, etc.
* Familiar with the Unix/Linux environment.
* Hands-on experience in using MySQL, Oracle Database.
* FExperience on various IDEs like Eclipse, MyEclipse and IntelliJ IDEA.
* **AWS Solutions Architect – Associate Certification.**
* Familiar with Amazon AWS S3, EC2 and familiar with docker deploy.
* Familiar with Big data Apache Hadoop and Spark framework
* Experience in handling, configuration and administration of databases like MySQL and NoSQL databases like MongoDB and Cassandra.
* Experience in Real-Time Stream Processing, working with in-memory processing, open source and cloud.
* Excellent communication skills, efficient work both in teams and individually, with ability to understand and convey both technical and non-technical concepts, meeting the requirements and proficient in grasping new technical concepts.

Technical skills

Language: Java, SQL, JavaScript, Python, Node.js, React js.

Frameworks: Spring MVC, Spring Boot, Spring Data JPA, Hibernate,

Spring, Mybatis, Spark, Hadoop

Web Technologies: HTML, XML, CSS, AJAX, REST, JSON, AWS S3, EC2,

Docker, Openshift.

J2EE Technologies: Servlet, JSP, JDBC

Application Servers: Apache Tomcat, JBoss

Testing/Control Tools: JUnit, GIT, Maven

Environment: Windows, Ubuntu

Database: MySQL, Oracle 11g/10g, Sql Server, MongoDB.

Cloud platform: AWS (EC2, RDS, ELB, EBS, S3), Microsoft Azure

Working Experience

Raley's | West Sacramento, CA Jan 2022 - Present

Java Lead Software Developer

There is an e-commerce platform. My responsibility is to develop front-end and server-side software solutions while providing continuous maintenance for Raley’s.com. Write and maintain automated tests at unit, integration, and browser levels. Use professional unit test tools like powermock and easymock to mock database connection and ResultSet. Work closely with other teams even with customer teams to know the need for the customer side to plan, design and develop new features and functions for Raley’s.

● Leading a team of 10 developers in the design and deployment of a Java-based algorithmic platform, incorporating optimization that outperformed previous benchmarks by 15%.

● Working on Jira Agile Boards and configured Swim lanes.

● Built microservices with spring boot to serve multiple applications across the organization. The data is provided & consumed in JSON, Use H2 database to do the data processing.

● Responsible for the implementation of Web Design based on CSS, HTML, React JS and AngularJS.

● Delivered Java clients for various video conferencing APIs using SOAP, REST, and XML-RPC

● Establish and develop a framework for delivering RESTful APIs to external customers.

● Applies application specific technical skills to independently produce deliverables (i.e. specifications, program changes, unit test scripts, documentation, etc.).

● Acquires and utilizes more in-depth business knowledge to support the applications.

● Recognizes code, process, and/or standard inefficiencies and makes suggestions for improvement, if applicable.

● Performs unit test plans to ensure all code changes meet requirements / specifications.

● Complies with and contributes to standards and procedures to ensure development consistency (e.g. programming standards, change management, version control).customers.

IBM| MEMPHIS, TN

Software Developer Sep 2019 – Dec 2021

Specialty Data Sync

This system is a management system which is used to store and manage users’ information. My responsibility is to design different components of the web, inject some services and involve in Java backend tasks such as utilizing Spring Boot, Spring Security, and Spring JPA. Our team is working on data sync between Oracle(Legacy) and MongoDB(Entity). We use different kafka topics to receive and send messages.

* Designing and implementing back-end services based on Microservices architecture.
* Use Spring Boot to develop the RESTful Controller and Service layers to handle customer requests.
* Used Spring AOP for reporting and used a test driven approach to development leveraging Spring’s support for unit testing.
* Involved in the design phase of the project and analyzed the requirements.
* Design patterns are extensively used to achieve clean separation of different layers. Use different patterns such as MVC, DAO and Singleton design patterns.
* Design and integrate the Spring persistence solution with the application architectures.
* Implemented Agile Scrum methodology in the development of the project.
* Implemented Kafka producer and consumer applications on Kafka cluster

setup with help of Zookeeper.

* Use Maven to build and package Web Service applications.
* Configure Spring Boot and use Annotation to manage URL mapping with controllers for the communication between front-end and middle-tier.
* Using Postman to transfer kafka messages.
* Add unit test cases for the method in our class. Use professional unit test tools
* like powermock and easymock to mock SQL Server database connection and ResultSet.
* Document results of JIRA workflows and process audits.

Design, develop and test HTML5, CSS3, JavaScript, jQuery and React.JS

that meets accessibility and web browser standards for websites.

* Used the Git for version control.

Vitacost| SAN JOSE, CA Oct 2016 – Sep 2019

Java Developer

Project: ISEP (Item Search Engine Project)

This project would change our search engine from endeca(oracle) search to vespa(yahoo) search in our e-commerce website. Vespa is an engine for low-latency computation over large data sets. It stores and indexes data so that queries, selection and processing over the data can be performed at serving time. Functionality can be customized and extended with application components hosted within Vespa.

Responsibilities:

* Designing and implementing back-end services based on Microservices architecture.
* Use Spring Boot to develop the RESTful Controller and Service layers to handle customer requests.
* Involved in the design phase of the project and analyzed the requirements.
* Design patterns are extensively used to achieve clean separation of different layers. Use different patterns such as MVC, DAO and Singleton design patterns.
* Design and integrate the Spring persistence solution with the application architectures.
* Develop a comparator to compare ItemData and a Product Data. Comparator needs to be part of the item-loader project and will be used to compare a newly extracted Product from Catalog database and the same from Vespa before ingesting into Vespa.
* Enhance Item load application to connect to SQL Server using a service account.
* Product Data and Category Extractor to Vespa. Manual transfer our project from database to POJO object then load into Vespa servers. I managed to change these attributes to match attributes in Vespa.
* Change our search engine from Endeca to Vespa search engine.
* Document results of JIRA workflows and process audits.
* Create fully functional Rest web services supporting both XML and JSON message transformation. And using Restlet Client to test transmission of REST API.

3RD EYE | Austin, TX Jan 2014 – Sep 2016

Java Developer

Project: EIMS(Employee Information System)

Project is developed for CompuGain’s internal management system which is used to record and manage employee’s information. EIMS is designed for each employee on CompuGain. CompuGain’s employees can log in their accounts to this system, they can not only view their own information but also update the information.

Responsibilities:

* Involved in the design phase of the project and analyzed the requirements.
* Designed and Implemented Data Access Object(DAO)
* Used Hibernate framework for data persistence, also used Hibernate Annotation to maintain the relationship between each entity.
* Applied Hibernate Template to update, remove, read, create data from database
* Developed a service layer, developed different methods to handle requests.
* Developed the access validation using the Spring AOP.
* Implemented the dependency injection using the Spring IOC and developed the DAO pattern in the Spring framework.
* Using Spring Boot as the backend for the fast Java backend development.
* Deployed an ORM framework to connect with the database using Hibernate.
* Worked on Presentation layout using HTML5/CSS3.
* Involved in SOA development by creating REST based Web Services for integrating the payment system.
* Used JUnit to do the unit testing to track the defects and to close the defects.
* Involved in logging using the log4j.
* Implemented Agile Scrum methodology in the development of the project.

AutoEdge Co. | Austin, TX Jan 2011 – Jan 2014

Data Analyst

Project: Employee management

Project is developed for ABC internal management system which is used to record and manage crew information. It is designed for each employee on AutoEdge. AutoEdge employee can log in their accounts to this system, they can not only view their own information but also update the information.

Education

* B.Tech in Electrical Engineering, IIT Madras (Graduated: 2008-2011)

Personal Details:

Name: Harry Sun

Dat of Birth: 1970

Place: Austin, Tx