

JAYA SRIVASTAVA

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EDUCATION

Krishna Institute of Engineering & Technology
B.Tech Computer Science 2015

Udai Pratap Public School, Varanasi
CBSE PCM with CS 2010

SKILLS

PROGRAMMING LANGUAGES: Java, Python, Javascript, C++, C, BASH, Node JS

DATABASES: MySQL, MongoDB, Elasticsearch, Couchbase, AWS DynamoDB, AWS RDS, H2

FRAMEWORKS: Spring, Django, AngularJS, SpringBoot, Hibernate

FRONT-END: HTML, CSS, Bootstrap, jQuery, JavaScript

OS ENVIRONMENTS: Linux, Windows, Mac OS

OTHERS: Git, SVN, Webservices, Microservices, AWS, Splunk, Maven, Gradle

EXPERIENCE

Mu Sigma
Senior Software Engineer

Bangalore
Nov. 2018 to Current

Johnson & Johnson - CodeMan

Codeman serves as the only central repository along with a search engine for Johnson & Johnson employees and Vendors distributed across multiple regions and different timezones. It supports Medical Devices Research across all the fields through Codelist Management. With the advent of this repository, Johnson & Johnson has been able to achieve increased efficiency, improved decision making, zero redundancy, time and cost saving in code list sharing, codereview and research paper publishing process.

- Designed and solutionized the problem for code list management, code list access, version management, code list approval process single-handedly.
- Drove the development journey as from scratch as a lead developer for a team of 4, was responsible for creating & handling Backend Infra, API's.
- Built backend API infra using Express along with MySQL as a primary dataStore and sequelize as the ORM.
- Implemented SSO (Single Sign-On via OAuth2) in order to authenticate and authorize the user and make user identification available across the application.
- Handling the entire DevOps & AWS Infra for the application, thus ended up managing the entire deployment process, CI/CD, release projections, etc. Visualizing time series data for infrastructure, process control, and application analytics in Grafana Dashboard.
- Wrote services like auto email triggers, auto approvals, auto-rejection, real-time notifications.

Wallmart China - Member Relationship Management(MRM) Tool

MRM Tool helps - Understand Member behavior of retail industry, roll out campaigns with customized messaging, measures the impact of the campaigns, drive successful Marketing strategy & campaigns execution & effectiveness analysis. Uses sophisticated Machine Learning Algorithms, sends automated reminders for membership renewals.serves as a single source of truth for synthesizing learnings from successful campaigns and use that knowledge to roll out many more in a short span of time.

- The tool is serving 1.7 million users, expected to send 87 million personalized messages, resulting in 75 million increase in yearly RMB sales
- Integrated External APIs for WeChat, SMS, and SMTP for sending personalized messages to the members.
- Involved in writing services for LDAP Authentication and authorization for SSO via OAuth.
- Involved in writing REST service for the application.

NodeJS | ExpressJS | MongoDB | ELK | CollectD | AngularJS | AWS | Nginx | RDS | MySQL | OAuth | Java | Spring | MariaDB | R Server | Alteryx | Tableau | Apache Tomcat | REST

EXPERIENCE

IBS Software

Senior Software Engineer -(Application Developer at Expedia)

Bangalore
Dec. 2016 to Nov. 2018

Expedia-Event Notification Service(ENS)

ENS is a robust and scalable back-end infrastructure supporting various event notifications under Expedia. The infrastructure can be viewed as a collection of Database for storing and persisting notification events. It consists of 3 different applications - kbeam-service, invicta-service and event notification service.

- Successfully developed Java Multi-Threading based collector parser and distributor process for event notification service which handles around 2k-3k requests per second from upstream systems for sending out notifications as Email, SMS & Push Notifications.
- Involved in developing RESTful services for invicta-service for catering upstream systems for scheduling the events.
- Involved in developing Kafka Consumer Services for reading the messages from Kafka for kbeam-service.
- Pushed metrics to graphite for visualizing time series data for infrastructure, process control, and application analytics in Grafana Dashboard.
- Production support-Provided development and technical support for complex/ critical applications. Coordinated with other teams to resolve end-user issues promptly.

iTravel - Product Information Store (PI Store)

iTravel is an in-house product developed to provide an end to end support to the travel industry. PI Store is one of the core modules for iTravel which deals with storing, managing, segregating and aggregating data collected.

- Involved in developing microservices based module for a SaaS based product iTravel using an inhouse-framework called Sprout(based on Spring).
- Analyzed requirements with team, written High-Level design documents, System Use Case, analyzed risk factors.
- Core Java development for different components within the module and Used Collections extensively. Used Java Generics for writing parsers and Mappers(Java Reflections API).
- Used Elastic search API for writing multi-lingual search engine which provides the auto-complete feature with the help of indexing & full text-based searching in elastic search.
- Followed the TDD approach, Used Jenkins jobs for CI/CD.
- Involved directly with clients like JTB and Bonotel for business clarifications, feature discussions, and numerous live Demo sessions.

Java 7 | Sprout | Hibernate | RPC | Couchbase | Elasticsearch | Git | Bitbucket | JUnit | Jenkins | Java 8 | SpringBoot | AWS | Graphite | Log4j | Dynamo DB | Scala | Docker | Splunk | SOAP | REST | Apache Camel | CHEF

Software Engineer

Bangalore, India
Sept. 2015 to Nov. 2016

H.I.S - Hotel Broker

H.I.S. is a leading travel company in Japan for outbound travel segment. The main function of HIS is to act as a travel agency and tour operator. Hotel Broker system provides the hotel data to third-party systems such as surpricenow.com.

- Involved in developing WebService operations in Service Oriented Architecture (SOA). Used Spring Framework 4 for application development. Used Spring for bean instantiation, annotations, controllers, request mapping to handle the WebService request and response.
- Developed RESTful Web services, Used Hibernate as ORM for saving data to MySQL and ehCache for caching the responses for faster retrieval.
- Involved with mapping Hotel OTA responses with the Response provided by Booking.com using business delegate design pattern.
- Written schedulers configurations using Spring Batch, Spring quartz timer for scheduling delta updates at regular intervals.
- Written JunitTest Cases for ensuring better Code Coverage. Continuous inspection and deployment with SonarQube & Jenkins.
- Written a Simulator for testing External Dependencies of Booking.com API's using Wiremock.

Java 7 | SVN | JQuery | Bootstrap | JSTL | Spring | JAX-RS | JAXB | Apache Camel | Wiremock | JUnit | Elasticsearch | Hibernate | ehCache | Tomcat 7Fly

ACTIVITIES

Art Of Living · Event Manager

Apr. 2012 to Oct. 2014

- During the year (2012-14) organized the YES+ course twice a year taken by the Art Of Living organization in college.
- Volunteer for the 'PremVarsha' organized by The Art Of Living Organization which turnout to be a gathering of more than 5000 people.

The C club · Instructor

Oct. 2011 to May 2015

- Initiative taken to start a technical community that focused upon implicational aspects of Computer Sciences.
- Taught web Development via MVC frameworks, Programming Languages such as C, C++, Python.