

Vishnu Priya 

Senior Software Engineer seeking roles in Software Development, Application Development, Requirement Gathering, Defect Management, Bug Fixing, Software Development Life Cycle, Coding & Testing, Quality Assurance, Risk Assessment, Java, Confluence, MySQL, GIT

Current Designation: Senior Software Engineer

Total Experience: 8 Year(s) 0 Month(s)

Current Company: JDA Software

Notice Period: 15 Days or less

Current Location: Bengaluru / Bangalore

Highest Degree: B.Tech/B.E. [Computer Science and Engineering]

Pref. Location: Bengaluru / Bangalore, Chennai, Hyderabad

Functional Area: IT Software - Application Programming / Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: senior software engineer, software development, application development, requirement gathering, defect management, bug fixing, software development life cycle, coding & testing, quality assurance, risk assessment, java, confluence, mysql, git, Microservices

Verified : Phone Number | Email - id

Last Active: 22-Jan-21

Last Modified: 22-Jan-21

Summary

Senior Software Developer with 8 years of enriched IT experience in Java, Microservice, Azure Cloud technologies, System design, Service-oriented architecture.

Extensive experience in developing enterprise applications, analyzing Business requirements and controlling technical complexities. Proficient in REST webservice, Spring boot, gRPC and Docker containers. Well versed with TDD and BDD development processes.

Lead and mentored development team on application design and coding for highly scalable, reliable, cost optimal systems on each phase of SDLC using Agile scrum methodology. Provided guidance to cross functional QA and testing teams over critical features and processes.

Work Experience

JDA Software as Senior Software Engineer

Jan 2018 to Till Date

Allocation API / Inbound API/ Inventory API

These projects were part of new initiative taken by the organization where the JDA product which was designed in a monolithic way were converted to microservices applications . These projects were a part of nextgen and technologies used were like SpringBoot, Java8,gRPC,RabbitMQ,MongoDB .

Our legacy product was a monolithic application which have many modulus like Inbound , Allocation , Inventory , Outbound , Shipment , Parcel etc . It was difficult to add new feature or technology to the existing product because of lack of SME in the development side also adding any new features to any of the domain needed whole system to be restarted in the production . In general it was having all cons of a monolithic application due to which our PMG thought of moving from monolithic application to microservice so that our product can meet the standard of nextgen products.

- * Took initiative to find best suited technologies and approaches to be used for microservices application
- * Provided research results and figures as a part of POC which were presented to stake holders
- * Designed and Implemented the codes.
- * Participated, shared my views and finalized the module features in BDD meetings along with the other stake holders.

- * Built a new domain specific module from scratch
- * Developed API related to the domain
- * Developed API for Health Checks
- * Developed module and system related test
- * Performed unit testing using Junit
- * Setting up the infrastructure, Building Jenkins jobs, coding for deployment for the feature
- * Guided QA team to build automation test cases.
- * Presented walkthrough of the modules to the stake holder
- * Performed Code reviews of complex modules
- * Mentored team members and shared knowledge with peers on the technologies and functionalities used.

GDPR

It was a security-based project which was focused on new rule of GDPR imposed by European government by which system was not allowed to keep personal details like driving license , vehicle number , telephone number of an Individual when it was not needed . It was configurable .

Technology used Core Java, REST, Junit, SQL.

- * Analyzed requirements given by the stake holder.
- * Designed and Implemented the codes.
- * Developed Junit and system related test
- * Performed unit testing using Junit
- * Presented walkthrough of the modules to the stake holder

WSA

It was a security-based project, which focused on user Authentication based on persona . As a part of this feature our side code which was not secured . Any use could access our system through Postman or any Web request sending tool by implementing WSA the user belonging to a particular role was able to access the code which belongs to his functionality .

Technology used Core Java. Being SME of this module, I was involved in the below tasks:

- * Performed requirement gathering, analysis and guided team members on the implementation approach.
- * Designed and implemented WSA validation framework
- * Reviewed the task performed by the team

Luminate Tasking

It was a Next Gen feature using AI/ML to help the customer.This tool was focusing on the cost part of the labor in the inventory .

- * Performed analysis and performance tuning.
- * Suggested architectural changes on the existing model based on my analysis.
- * Executed DB migration and schema changes.

Nagravision as Software Engineer

Jul 2015 to Feb 2018

UGDM

User group direct messaging was implemented to create the user and assigned them to a particular group (group was based on the device which was having license Of our application device could be anything like mobile , setupbox, tab) this application also use to store the device configuration . If any update use to come to the particular device the data used to be updated .

This module was a next generation module which used technology liked Spring boot , Mongo, Java8

- * Engrossed java8 new feature like Stream in this module
- * Analyzed requirements provided by the stake holder.
- * Designed and Implemented the codes.
- * Mentored QA in understanding cucumber methodology and writing some of their step file

DCM

Device control manager used to store the configuration part of the device and updates . It uses to push the any updates that happens to UGDM via messaging queue

This module was a next generation module which used technology liked Spring boot ,Mongo DB

- * Analyzed requirements given by the stake holder.
- * Designed and Implemented the codes.
- * Mentored QA in understanding cucumber methodology and writing some of their step file

- * Built the setup environment (Jenkins) for CICD jobs.
- * Engrossed Java8 new feature like Stream in this module

UAV

User access vault was used to store the personal details of the user like rating given to movie or series , his subscribed channels , type of content he likes to view . These data were later to be used by another project for recommendation purpose .

This module was a next generation module which used technology liked Dropwizard , Guice, Cassandra .This module was designed to keep the track of user watching list through

- * Analyzed requirements given by the stake holder.
- * Designed and Implemented the codes.
- * Mentored QA in understanding cucumber methodology and writing some of their step file.

SMS Wrapper

A new Wrapper module integrates the old version of product and latest version of product. However not all of them are supported in the new product version directly. So, wrapper was designed that adapts the older API call to the new Domain API. Technology used apache camel

- * Developed codes for message passing using camel and writing deployment script.

DB Migration

Technology used Oracle

- * Developed scripts to migrate the database from lower version of our product to the higher version along with data

Nagrabox

The goal in this project was to collect the image from a service along with its metadata ,do mapping with the previously existing metadata,write an algorithm which will give the best resolution image and push those data to another component Used technology like bootstrap, Angularjs, java 8

- * Worked on UI side as well as server side.
- * Worked with module architect and did the complete implementation.

SDP

Technology used SOAP webservices core java

- * Developed api for one of the modules.
- * Was a monolithic application
- * Designed patten like Factory design pattern and singleton design pattern

TATA Consultancy Services as Systems Engineer

Oct 2012 to Jun 2015

HR Delta

HR Delta application is used by the business users to retrieve the employee's professional information like designation, salary age etc which are consistently changing parameters.

- * My role in this application was to work with the back-end configurations like servlet and to pass the data to the database. As a front-end developer I used to pass the data and retrieve the desired result

AVR File Upload

It was one of module of AVR application.

This application used jsp technology and servlet in the backend this module was used to upload the file from user's end to a server

Education

UG: **B.Tech/B.E. (Computer Science and Engineering)** from **A Reputed University** in **2012**

Other Qualifications/Certifications/Programs:

Oracle Certified Professional, Java SE 6 Programmer Certification

Microsoft Azure Fundamentals

IT Skills

Skill Name	Version	Last Used	Experience
MicroServices		0	0 Year(s) 0 Month(s)

Languages Known

Language	Proficiency	Read	Write	Speak
English	Expert			
Hindi	Expert			

Affirmative Action

Physically Challenged: No

Work Authorization

Job Type: Permanent
Employment Status: Full time