Bibek Kumar Singh

Experience – 4 years
Senior Software and Design Developer

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CAREER SUMMARY

Senior software & design developer with 4 years of experience in application development using technology like Java 8, Spring IOC, Spring Boot, Spring Data JPA, having good understating of creating Rest API & microservice using spring Boot. Energetic presenter & communicator, having ability to apprise information clearly, efficiently & benevolently. Creative in finding solutions & determining modifications for optimal use of application. Creative in designing and presenting dashboard created with power bi tool.

KEY SKILLS

- Seasoned application developer with build capability from scratch
- Expertise in J**ava 8, Spring Boot, Spring data JPA, Spring IOC**.
- Expert in Creating Rest API and microservices using spring boot.
- Having good knowledge in Azure infrastructure management and AD configurations.
- Expert in configuring hibernate and spring.
- Adroit in creating executable Jar project using Java, Spring Boot.
- **Adherence to design pattern to build highly efficient maintainable code**.
- Having good knowledge in creating user interface (UI/UX) using Angular 9 and Ionic.
- Expert in **CI/CD pipeline creation into MS Azure using Azure DevOps**.
- Project & Repository management using Azure DevOps.
- Expert in **JMeter, Azure monitoring services** for application load testing.
- Expertise in Databases like – **MSSQL, MySQL, Mongo DB**.
- Expert in **Mock testing & Junit**.
- Sprint planning & SDLC.
- Expert in integration testing**.**
- Rest webservice with security using Spring.
- Application deployment as a service in windows.
- **Dashboard creation using Power BI and angular 9**
- **Good Knowledge in Data structure and event handling in microservice.**

CAREER SYNOPSIS

Employers Name	Designation	Start Year	End
E&Y	Senior Software Developer	2019	Present
L&Q Tech PVT LTD	Software Developer	2017	2019

AWARD & ACHIVEMENT

- **Current Organization (E&Y 2019 - Present)**
  - Awarded with annual spot award.
  - Awarded with rating of 4 for customer satisfaction (VOC)

- **Previous Organization (L&Q 2017 – 2019)**
  - Awarded best employee for continuous application development and support with proper sprint planning.

TRAINING & CERTIFICATION

- Udemy Certification for MongoDB.
- Udemy Certification for Neo4J.

PROJECTS

Current Organization

Project Name	Carrier HAVC System
Designation	Senior Software & design developer
Description	A full-fledged IOT application which helps service technician to locate & pin point actual defect in HVAC system through Zing tree. This mobile application will also be used for updating the firmware of HVAC system. Service technician are able to connects his mobile app with HVAC system using Bluetooth & analyse all the fault code to decode the Root cause. We have used React native for mobile application, and Java with Spring Boot for backend Rest webservice development. Java code is used to connect with supra cloud to authenticate the user & download latest firmware which will be send to HVAC system through mobile application
Tools	Java 8, Spring IOC, Spring Boot, Supra Cloud, JMeter

Project Name	Organization Design and Forecasting
Designation	Senior Software & design developer
Description	A organization design and forecasting application capable of building, redesigning or modifying the existing organization structure as per the needs. Application was designed to fulfill the requirement of the Dynamic organization where hierarchy & structure are constantly altered. Crucial elements like attrition & onboarding are taken into consideration for flawless structure. Mongo & java are used as a backend code with angular 9 giving the aesthetic user interface and features .
Tools	Java 11, Spring Boot, Spring Security, Angular 9, MongoDB,

Project Name	ROVA (Return to Office Virtual Assistance)
Designation	Load tester
Description	A SAAS based application to help the organization return to normalize by brining associate safety to workplace. Associate can be allowed to enter workspace once they clear mandatory survey about employee travel history & if they came in contact with infected person or if they have any symptoms of flue. Once the associate submits the survey a QR code will be generated which will allow them to workspace.
Tools	Java 8, Spring IOC, Spring Boot, Spring Data JPA, MSSQL, Angular 9, Azure Devops

Previous Organization

Project Name	Hotel Security System
Designation	Software Developer
Description	Developing a optimised and sophisticated hotel security application which keep the two external system WatchNet and Vingcard always in sync. Spring scheduler was used with call back pattern to poll the event generated by each swipe of card and is used to show who accessed which part of hotel and at what time.
Tools	Java, Spring IOC, Spring Boot, Spring Data JPA, Angular 9

Project Name	HBotV2
Designation	Software Developer and Spring Planner
Description	This application is for the client who want to monitor the cost and manage the resource and subscription he bought in azure. It used the azure exposed API to get the resource information and costing. With the use of this application a resource can be shut down if it is not in use. Apart from this resource and its cost is projected using PowerBI tool
Tool	Azure, .Net, MSSQL, Angular 8

KEY RESPONSIBILITIES

- Researching, designing, implementing and managing software programs.
- Developing software using Java, Spring, Spring boot and Hibernate using design pattern.
- Testing and evaluating new programs.
- Identifying areas for modification in existing programs and subsequently developing these modifications.
- Writing and implementing efficient code.
- Maintaining and upgrading existing systems.
- Taking the Client Requirement and convert the same into code.
- **To Make Sure proper software design pattern is used while writing the single piece of code.**
- **Demoing application and its working to client**.
- Running **performance test on application and monitoring in azure**.
- Helping client in infrastructure upgrade to improve application performance.
- **Creating CI/CD pipeline to application deployment into Azure**.

DECLAIRATION

I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Bangalore   Bibek Kumar Singh