

# Sai Dinesh Vemasani

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## Professional Summary

Enthusiastic and Experienced Java / Springboot Developer with a strong Java, Springboot, Hibernate, JPA, Spring frameworks knowledge base. 3.1+ years of experience as Senior Systems Engineer and Systems Engineer as part of application development team. Sound understanding of the business requirement with a global mindset and strong quantitative and conceptual abilities with strong project management and development skills. Have been working as a Developer with Internal application developing Backend Services, Testing the use cases, guiding team in case of difficulty and Reporting to Group Project Manager and Senior Manager directly. specific expertise in Implementing, Testing, Optimizing the Code with better performance, spring security, Unit Testing, developing Micro-services using Java, Springboot, SQL Server, JPA and Hibernate Concepts. Good Experience with development, troubleshooting of the Issues, Completing Challenging tasks in time and optimizing the code without compromising on Standards and performance.

## Skills

- J2EE, Java 8
- Spring framework, Springboot
- Hibernate framework
- Spring JPA
- Docker, Kubernetes
- GIT
- Swagger
- SQL Server, Oracle DB, My-SQL
- Spring security (JWT authentication)
- Unit Testing – Junit & Mockito
- Drools
- Maven
- REST-API web service

## Work History

### Senior Systems Engineer, 10/2020 – Current

#### Project Details: I-Claims, Infosys Limited, Bengaluru

**Brief Description:** I-claims is an Infosys in-house workflow tool. This tool is used to capture the Claims of employees and benefits and to process the request as per the organization policy and keep of track of all the request falling under this category. This tool is also integrated with Income tax and SAP system to process the payments to employees.

- Served as Senior System Engineer in the completion of 100+ medium- to large-scale Micro-Services implementations, managing projects from business requirements analysis to solutions delivery.
- Implemented the Solutions with better performance and Optimal Lines of code to meet the Requirements.
- Developed High performance Code and Helped team to understand the Complex Requirement and the Usage of Lambda functions and Java 8 methods to reduce the lines of code and to increase the productivity by delivering in time.

- Functioned as Point of Contact for various 20+ business Requirements and Use Cases and 50+ Complex Implementations.
- Developed REST Services in the Micro-Services architecture using Springboot and Hibernate Concepts.
- Developed Code with Micro-Service Architecture Using Springboot and Hibernate Concepts from the Scratch till the deployment to Production.
- Have good understanding of User Authentication using Spring Security (JWT access token).
- Worked with Docker to deploy Micro-services in modern containers to increase Isolation and strong knowledge in writing DockerFile and docker-compose files.
- Worked with Kubernetes to deploy the Micro-services in cloud on-prem containers to increase scalability.
- Implemented Git + Gitlab for version control and Deployed multiple Java application in IDP (Infosys deployment platform) through Docker.
- Working experience with service discovery tools like Vault for Secrets Management.
- Worked with DROOLS engine for spring integration and validate business rule before executing in runtime.
- Experienced with setup, configuration and maintain ELK stack (Elasticsearch, Logstash and Kibana)
- Experience with Docker images, Containers, push/pull with Spring Boot, used Jenkins and SonarQube for CICD.
- Work in a high-speed, agile environment to ship features in the shortest time possible.

## **Systems Engineer, 08/2018 – 10/2020**

### **Project Details: I-Claims, Infosys Limited, Bengaluru**

**Brief Description:** I-claims is an Infosys in-house workflow tool. This tool is used to capture the Claims of employees and benefits and to process the request as per the organization policy and keep of track of all the request falling under this category. This tool is also integrated with Income tax and SAP system to process the payments to employees.

- Served as System Engineer in the completion of 40+ medium- to large-scale Micro-Services implementations, managing projects from business requirements analysis to solutions delivery.
- Implementing the Solutions with better performance and Optimal Lines of code to meet the Requirements.
- Developed re-usable Services and Modules using spring Security, Apache Http Client and Swagger-UI for Documenting the API' s and Services.
- Developed High performance Code and Helped team to understand the Complex Requirement and the Usage of Lambda functions and Java 8 methods to reduce the lines and to increase the productivity by delivering in time.
- Enhanced Teams across the delivery Unit by conducting the session to 60+ participants on the basics of spring boot and Hibernate Concepts by providing demos developed from the scratch.
- Ensuring that team is following the Java Coding Standards and Hibernate Querying Concepts for Querying a Record and to Connect with the Database. Reviewing the Code and the standards.

- Functioned as Point of Contact for various 20+ business Requirements and Use Cases and 40+ Complex Implementations.
- Created Initial Skeleton for Every Micro-Service in our Applications with all the DB Configurations, Mandatory Components and Security Modules. (ex: - Multiple DB Configuration and Connections, Logging and Documentation Components, JWT based Authentication Module).
- Developed REST Services in the Micro-Services architecture using Springboot and Hibernate Concepts.
- Developed Method to Connect with the Third-party Services Using Java and Apache HTTP Client Methods. This can be Reusable across the Micro-Services.
- Have Sound Understanding and Good Knowledge on the Unit Testing using Junit and Mockito.
- Developed Code with Micro-Service Architecture Using Springboot and Hibernate Concepts from the Scratch till the deployment to Production.

## Education

**Bachelor of Engineering:** Mechanical Engineering, 03/2018

**N.B.K. R Institute of Science and technology** – Vidyanagar, Andhra Pradesh

## Achievements

- Enhanced Teams across the organization by conducting the session to 100+ participants on the basics of spring boot and Hibernate Concepts by providing demos developed from the scratch.
- Got appreciation from Organization management.
- Won 2 Insta award for my contribution to the project(s) at unit level.
- Won 1 Extra Miler award for my Contribution to the project(s) and technical expertise at organization level.
- Got appreciation from Organization leadership.