**Nilim Prasad Sarma**

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**PROFESSIONAL EXPERIENCE**

**Testyantra Software Solutions**, India  
 **Associate Software Engineer** Feb 2018 – Apr 2019 **Testyantra Software Solutions**, India  
 **Software Engineer** Apr 2019 – Feb 2021 **Testyantra Software Solutions**, India

**Senior Software Engineer** Feb 2021 – Present

**PROFESSIONAL SUMMARY**

* 4+ years of IT experience in analysis, design, development, documentation, implementing and testing of software systems in Java, J2EE and technologies.
* Strong Knowledge on Application Development using Software Development Life Cycle SDLC using various methodologies like Waterfall, Agile/Scrum.
* Expertise in working with various J2EE technologies including JPA with Hibernate, MVC Framework, Servlets, JDBC, WEB SERVICES
* Strong experience in Spring Framework such as Spring MVC, IOC, REST, DATA JPA, SECURITY, Spring Boot
* Hands-on experience in developing Micro services using Spring Boot & Spring JPA
* Experience in implementing Java EE design patterns such as MVC, Singleton, DAO, DTO, and Business Delegate in the development of Multi-Tier distributed Enterprise Applications.
* Experience in Configuring and deploying applications on Tomcat 9.0 server
* Experience in Java Message oriented middleware API like Java Email Service.
* Experience in Containerization tool like Docker.
* Experience in branching, tagging and maintaining the version across the environments working on Software Configuration Management (SCM) tools like GIT
* Debugged application codes and improved interface software to improve functionality and performance
* Excellent analytical, coordination, and communication skills

**KEY SKILLS**

* JAVA & J2EE
* Spring and Hibernate Framework
* Scrum and Agile
* SQL (Database’s🡪 MySQL, PostgreSQL)
* Html, CSS and Bootstrap
* Docker
* Git|Github|Gitlab
* Jasper Reports
* Microservices
* Angular
* Apache Kafka
* AWS

**PROJECTS**

1. **MrMrsCart(e-commerce) – Microservices**

Project Description:

This application model is completely based on commission based scenario business where admin will take a cut from the vendor/reseller and take care of shipping, marketing and services cost etc.

Roles and Responsibilities

* Designing, building and maintaining the java based applications and software.
* Developed well-designed and efficient code which reduces the vulnerability and improve the scalability and performance of the applications.
* Working in an agile methodology, interacting with client on a day-to-day basis to discuss about the updates of the application.
* Designed database after analyzing the UI/UX and the BRD
* Developed and maintained various modules in the backend using Spring Boot and Spring Data JPA.
* Developed the End Points (Controllers), Business Layer. Involved in writing JUnit/Mockito test cases for all layers such as
* Controller, Service as well as entity classes keeping in mind of the maximum code coverage.

1. **School Expert System (SES)**

Client: HITACHI MGRM NET

Project Description:

School Expert System includes complete organizational and institutional level management for schools, with various examination, subject rules, scheduler, teacher substitution modules, and student batch creation. The overall goal of this project was to digitalize the school system and provide both level managements with a full-fledged-architecture.

Roles and Responsibilities

* Contributed as a Backend developer
* Developing well-designed, efficient, and testable code.
* Conducting software analysis, programming, testing, and debugging
* Troubleshooting and resolving the reported issues and replying to queries in a timely manner
* Integration of the API’s developed
* Involved in application design
* Handling QA lifecycle
* Majorly involved in fixing the SQL procedures and functions provided by client in PostgreSQL database
* Widely involved in designing and developing the Jasper reports according to the templates provided

1. **Learning Management System (in-house project)**

Project Description:

This project helps automate the day-to-day work of the process of our company for the hired fresher and maintain their training progress, attendance, mock performances etc.

Roles and Responsibilities

* Contributed as a Backend developer
* Developing well-designed, efficient, and testable code.
* Designed database after analyzing the UI/UX and the BRD
* Developed the End Points (Controllers), Business Layer using Spring Boot, Spring Data JPA and Spring Security.
* Integration of the API’s developed