**NIKHIL SRIDHAR**

**Full Stack Java Developer |lookoutfornikhil@gmail.com | +1 714-732-8042|**

**PROFILE**

I am a Senior Full Stack Developer specialized in designing and implementing REST APIs, microservices and web apps. I have developed software professionally for Order and Inventory management teams, platforms and infrastructure teams in India and Germany.

**TECHNICAL SKILLS**

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| --- | --- | --- |
| Front end | Javascript, React, Redux, Node, jQuery |  |
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| Server side | Java, Spring Boot, JSP, Servlets, JTA, JDBC, JPA, JAX WS, JAX |  |
| RS |  |
|  |  |
| Integration |  |
|  | MuleSoft, Spring Integration, JMS, |  |
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| Testing Frameworks | JUnit, JBehave, Mockito, JMeter, Selenium |  |
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| Database | Oracle, MySql, Postgres, DB2, Microsoft SQL Server 2008 |  |
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| Containers / Servers | AWS EC2,S3,Lambda,Kubernetes, Apache Tomcat, Weblogic, |  |
| JBoss |  |
|  |  |
| Build tools and CI | Jenkins, Bamboo, Gradle, Maven, Ant |  |
|  |  |  |
| Miscellaneous | Spring Security, LDAP, Git, Spring, Struts, Hibernate, JIRA, HTML, |  |
|  | CSS, Swagger |  |
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**CERTIFICATION OBTAINED**

* Java SE 6 Programmer, Oracle Certified Professional.
* Business English Certificate (BEC), ESOL, Cambridge.

**HIGHLIGHTS**

* Developed independently deployable microservices and user interfaces for Bosch Platforms and Infrastructure development team.
* Built Bosch Task report dashboard management tool, assuming complete responsibility for choosing the entire technology stack, developing proof of concept and modelling complex business processes
* Lead a team of 4 as an Onsite Coordinator in Germany, helping the team built the Order management system for Bosch EDI team
* Designed data models in consultation with business analysts
* Built memory intensive offline batch processes using open source frameworks
* Performance tuned database access queries and programs, thereby improving application throughput
* Developed user editable websites for Bosch Platforms and Infrastructure development team
* Represented my organization in meetings with business partners, clients and oversaw application development

**PROFESSIONAL EXPERIENCE SUMMARY**

**Bosch, India July 2011- Aug 2018**

**Senior Software Engineer**

* Designed and implemented scalable REST micro-services in Java 1.8 Spring boot framework with Richardson level 3 maturity model standard.
* Built scalable and efficient REST API using Java 1.8 functional programming features.
* Designed web services and integrated them with the backend host system
* Utilized design patterns like factory, singleton. MVC etc. for a high degree of reusability and maintainability of code
* Built and deployed overall service infrastructure utilizing Docker container, several AWS stack(Including EC2, S3,Lambda)
* Used Microservices architecture with Spring Boot, Spring JPA based services interacting through the powerful messaging tools such as REST, Apache Kafka message brokers.
* Worked with EC2 instances of AWS and involved in multiples tasks for creating the pipeline scripts for creating Elastic Beanstalk environment for application deployment.
* Analysed and translated business & functional requirements into technical requirements and developed web applications using MERN stack.
* Responsive Web Design using HTML5, Bootstrap, SASS & SCSS methodologies
* Restful web services development with Nodejs & Expressjs frameworks.
* Built an Online Task dashboard reporting tool that improved task management process and team productivity using Spring, React, datatables jquery plugin and MSSQL.
* Created a course scheduler tool using JavaFx that enables the associates to select the available courses and sending it over to project manager for the approval
* Designed the application architecture and developed the proof of concept, providing the developers with a “template” to kick-start development
* Designed and implemented the authentication mechanism using Spring security

**Projects:**

**1. Project Name: Budget and staffing Engine**

Client: Bosch India.

Budget and staffing Engine is a web application used by managers in RBIN to plan and track the resources.

**Responsibilities:**

* Gathering the business requirement from the Client and Implementing the CR.
* Developed and consumed Web services using SOAP and Restful API.
* Perform Unit Testing and Integration Testing.
* Involved in Code Review.

**Programming Language/Skills:** Java 1.6, JSF, Angular, SQL, Soap Web Service, EJB, Oracle and JPA.

**Tools:** Eclipse, CVS, Putty, WinSCP, Jenkins, WebSphere Application server, Sonar

**2. Project Name: Smart Auction**

Client: Bosch India.

Smart Auction application is an Auction website that allows authorized Dealers for buying and selling of automobile parts through auctioning and bidding process. It also provides options to buy the like Manual Bid, Auto Bid and Buy-It-Now.

**Responsibilities:**

* Service Developer to create REST API.
* Develop unit test cases for the testable parts of the module.
* Involved in Code Review.
* Involved in bug/defect fixes.

**Programming Language/Skills:** Java 1.6, REST, JPA, Spring and Swagger.

**Tools:** STS, Putty, WinSCP, Jenkins, Jboss server, CVS, Sonar.

3. **Project Name: Task Report Dashboard Management Tool**

Client: Bosch Engineering and Business solutions

This tool is used by Agile teams across RBEI to track, manage, and update tasks. Independent microservices are developed for each actor involved in the use case.

**Responsibilities:**

* Analysing business requirements and documenting system use cases
* Designing and implementing all layers of web applications using J2EE technologies
* Designed and implemented the authentication mechanism using Spring security
* Implemented JMeter testing to test performance of an API
* Utilized Atlassian Tools Confluence for documentation, Bitbucket for code repository, JIRA to create user stories, tasks and subtasks

**Programming Language/Skills:** React, Java 1.8, Sprint Boot, Spring JPA, Spring Security, REST, Microservice, Redis, Elastic Search, Spring Cloud.

**Tools:** IntelliJ, Bitbucket, JIRA, Confluence, Sonar, Postman, Soap UI, WinSCP, Putty, Jenkins, OpenShift.

4. **Project Name: Order and Inventory Management systems**

Onsite Coordinator

Client: Bosch Gmbh, Germany

I designed and developed software for Bosch EDI systems including Order management system, Invoice processing system and Delivery management systems

**Responsibilities**

* Developed microservices and user interfaces for Bosch Order management systems
* Designed web services and integrated Order management systems with backend host systems
* JMS based integration solution that enables businesses to talk to each other
* Implemented distributed transactions using Bitronix Transaction Provider
* Developed memory intensive offline batch processes using Spring batch
* Resource planning and Delivery scheduling

**Programming Language/Skills:** Javascript, React, Redux, Spring Boot, Java 1.8, Spring MVC, REST, Postgres, Spring Batch,Spring Integration

**Tools:** IntelliJ, Bitbucket, JIRA, Confluence, Sonar, Postman, Soap UI, WinSCP, Putty, Jenkins, OpenShift.