Reya Banerjee

JAVA DEVELOPER

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PROFILE

Dedicated technical professional having around 1.5+ years of experience in designing and developing Java/J2ee web based application as part of computer program development team. Offering strong expertise in Spring Boot, Hibernate JPA and micro services.

EMPLOYMENT CHRONICLE

Indian Institute of Technology, Kharagpur
Junior Research Fellowship

Feb 2020 - Present
Kharagpur, West Bengal, India

I am responsible to developed FC-ARMCS 2.4 software for my client which cloud automate end-to-end marketing activities for them, like lead capturing, saving the contact, generating reports, generating bills and auto-emailing to the customer. It is a very big and complex application consisting of core modules like lead, report, contact, email API.

JAVA DEVEOPMENT SKILLS

- Working in Development of Web services (Rest API) and Dynamic Web Application using advanced frameworks like *Spring Boot* ,*Spring MVC* and *Hibernate*.

- Good knowledge in Core Java and J2EE platform with *Servlets*, *JSP*, *JDBC*, *Multithreading*, *Hibernate*, *Spring MVC*, *Spring Boot*.

- Developed highly interactive user interface using *JSP* and *JSTL tags*.

- Experienced in developing complex SQL *queries*, *Procedures*, *Triggers*, *Stored Procedures*, *Packages* and *Views* in MySQL databases.

- Experience in developing application using MVC *architecture.*

- Creating *Control Layer*, *Service Layer*, *Repositories Layer* in Spring Boot project and developing *Entity class* with *Encapsulation* concept.

- Configuring *Email sending services* and integrating required *API's* in the application.

- Good working experience in GUI design and application development using IDE's like *Eclipse IDE* and *STS*.

- Testing web services using *POSTMAN.*

PROJECT WORK

FC-ARMCS 2.1
Feb 2020 - Present

Team Size : 7
Technology : Spring Boot, Hibernate JPA, WebServices (RESTful)
Tools : STS 4.8, MySQL Workbench, MySQL, Postman etc.
Process: Agile Scrum

FC-ARMCS 2.4 is the combination of strategies and technologies that companies use to manage and analyze customer interactions and data throughout the customer lifecycle. The goal is to improve customer service relationships and assist in customer retention and drive sales growth. FC-ARMCS 2.4 systems compile customer data across different channels, or points of contact, between the customer and the company, which could include the company's website, telephone, live chat, direct mail, marketing materials and social networks. FC-ARMCS 2.4 systems can also give customer-facing staff members detailed information on customers' personal information, purchase history, buying preferences and concerns.

Roles & Responsibilities

- Designed and developed a *RESTful APIs* for different modules like *lead*, *report*, *contact modules* & *email API* in the project as per the requirement.

- All the functionality is implemented using *Spring Boot* and *Hibernate ORM*. Implemented Java EE components using *Spring MVC*, *Spring IOC*, *Spring transactions* and *Spring security* modules.

- Developed critical components of the application including *spring forms*, *Spring controllers*, *JSP views*, and business logic and data logic components that include *Hibernate Entities*, *Spring-Hibernate DAO* and *Spring models* following MVC architecture.

- Implemented the database connectivity using *JDBC* with *MYSQL* database as backend.

- Developed *Servlets* and *JSP* for performing *CRUD* operations on domain specific entities.

- Exposing / consuming RESTful WebServices.

- Involved in reading & generating *PDF documents* using *ITEXT*. And also merge the PDF dynamically.

- Integrating *email sending services*.

- Fixing defects communicated by the testers.

- Used *Postman* to test the RESTful API for HTTP requests such as *GET*, *POST*, and *PUT*.

- Built Java applications using *Maven* and deployed JAVA/J2EE applications through Application servers.

- Configuring application . properties file.

- Using *micro services* approach to build the application.

- Used Core Java concepts of *Collections*, *Generics*, *Multithreading* etc.

EDUCATION HISTORY

College Of Engineering and Management, Kolaghat, West Bengal
July 2015 - Jun 2019

B.Tech in Computer Science & Engineering
University: MAKAUT

CGPA: 7.91

Hijli High School (in IIT Kharagpur Campus)
Jan 2013 - Feb 2015

HIGHER SECONDARY [10 + 2 TH LEVEL]
Board: WBCHSE

Aggregate %: 74.4

Hijli High School (in IIT Kharagpur Campus)
Jan 2012 - Feb 2013

MADHYAMIK [10 TH LEVEL]
Board: WBBSE

Aggregate %: 77.24