**Sudip Kumar Saha**

**Java Developer**

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**SUMMARY**

* 3+ years of experience in **Design, Development, Testing**, and **Deploying** of Object Oriented, and Web-based Applications using **Java/J2EE technologies**.
* Proficiency in full software development life cycle (**SDLC**) using **Waterfall**, and **Agile**.
* Worked on Frameworks like **Spring MVC, Spring Boot, JSF,** and **Hibernate**.
* Proven knowledge of using IDE tools like **NetBeans** and **IntelliJ IDEA**.
* Proven ability to develop Client and Web-based applications with **J2EE, JSP, Servlets, JDBC**, and other frameworks.
* Working Knowledge of Technologies including **XML, JavaScript, Typescript, CSS, jQuery, Ajax, JSON,** and **HTML**.
* Very strong experience writing API'S/ and Web Services in **Python**.
* Proficient in the development and deployment of applications using **WebSphere** Application, **Apache Tomcat** and **Web Server**.
* Proficiency in Infrastructure **Development** and Operations involving **AWS Cloud Platforms, S3,** and **AWS Lambda**.
* Proficient in database technologies such as **MySQL** and **PostgreSQL**.
* Knowledge of using build tools like **Maven** and **bug/issue tracking**, project Tracking, and Management tools such as **Jira** and **Jenkins**.
* Ability to use version control tools like Git and GitHub.
* Experience in **Spring Security Framework** for **User Access Management**, JWT token-based authentication, and involved OAuth 2.0 configuration for authentication and authorization.
* Expertise in implementing **Core Java SE 8** concepts like **Streams API, Lambda functions, Functional programming**.
* Worked extensively with **JAVA 8** features like **Time API, Functional Interfaces, Completable Future, Optional, Multithreading, Transaction Management, Exception Handling, Collection API.**
* Experience developing applications using **MVC and MVVM** client-side **JavaScript** frameworks such as **Angular 11.0, AngularJS** to create dynamic web applications.

**EDUCATION**

**Master in Data Science |** Southern Arkansas University, Magnolia, AR

**Bachelor in Computer Science |** State University of Bangladesh, Dhaka, Bangladesh

**SKILLS**

Methodology: **SDLC, Agile, Waterfall**

Languages: **Java, SQL, Java8, Java11, Python**

Frameworks: **Spring MVC, Spring Boot, JSF, Hibernate, Junit, Mocha, Chai, Mockito, Angular 8.0, AngularJS**

IDEs: **NetBeans,** **IntelliJ IDEA**

J2EE Technologies: **Servlets, JSP, JSTL, JavaBeans, JDBC, Spring JSF**

Web Technologies: **HTML, CSS, JavaScript, Bootstrap, jQuery, Ajax, JSON, XML, AWS microservices, AWS Lambda services, Typescript**

Application Server: **Apache Tomcat, Web Sphere**

Databases: **MySQL,** **PostgreSQL, Oracle, DB2**

Build /Other tools: **UML, MS Visio, Maven, Gradle**

Version Control Tools: **Git, GitHub**

Operating Systems: Windows, Linux

**EXPERIENCE**

**Principal Financial, TX | June 2022 – Current | Java Developer**

* Involving in **SDLC** Requirements gathering, **Analysis, Design, Development,** and **Testing** of applications developed using **Agile** methodology.
* Design and develop **Microservices** business components using **Spring Boot**.
* Designing and implementing **multi-tier applications** using web-based technologies such as **Spring MVC** and **Hibernate**.
* Developed **AWS Microservices** using **Spring MVC, Spring Boot,** and **JSF**.
* Develop **API** for using **AWS Lambda** to manage the servers and run the code in **AWS**.
* Implementing Database connectivity using **JDBC** for communication between the application and **MySQL database**.
* Developed multiple **Angular 11.0** components that are compatible with the latest versions of **typescript, angular CLI**.
* Implemented **Java11** features like **Lambda expressions, Streams, filters, pipelines, Optional Interfaces**, etc.
* Designed and developed efficient user Interaction screens using **HTML5, CSS3-SASS**, and **Twitter Bootstrap CSS framework** and media queries to create **responsive web pages**.
* Implemented user interface guidelines and standards throughout the development and maintenance of website using

**Angular 6, HTML5, CSS3, Bootstrap, TypeScript DOM, Ajax** and **Java**.

* Experience working with (consuming) **REST** and **GraphQL** APIs via client-side JavaScript or server-side via **NodeJS**.
* Programmed **J2EE application** to manage transaction reports for **Oracle Financials Application Processes**.
* Authenticating Users to provide security to **RestFul web services** using **OAUTH 2.0**.
* Worked on UI testing with **Karma, Jasmine, Protractor for Angular, Mocha,** and **Chai for React JS and Backbone JS**.
* Implemented Spring service refresh from UI without restarting the service, integrated Actuator Refresh dashboard to refresh **Spring microservices**.
* Developed **RestFul Web-services** using **Django Rest framework** in **Python**.

**BrightTech Software Inc, India (Remote Work) | Aug 2018 - Dec 2020 | Java Developer**

* Involved in **Software Development Life Cycle (SDLC)** using various methodologies like **Waterfall**.
* Worked on the development of **Hibernate**, including mapping files, configuration files, and classes to interact with the database.
* Implemented **JSF framework** in the application which is based on **MVC design architecture**.
* Developed server-side utilities using **J2EE technologies, Servlets, JSP, and JDBC** using **JDeveloper**.
* Designed and developed the **front-end** using **HTML, CSS, JavaScript, jQuery, JSP with Ajax**.
* Engineered **user interface** using **JSP** **with JavaBeans, JSTL, Custom Tag Libraries,** and **Ajax** to streamline the application; decreased page load time by 40% and **optimized the user experience**.
* Redesigned the **application modules** using **Spring Boot Rest API/Services, Spring, Spring-Data**, which resulted in 30% decrease in response time, 25% less code and 15% increase in revenue.
* Designing, developing, and deploying J2EE applications on **Apache Tomcat** application Servers.
* Configured the **web server interfaces**, session management, virtual hosts, and transports for **WebSphere**.
* Involved in designing and creating the **Database Tables** using **PostgreSQL Database**.
* Worked with Development and QA teams to continuously integrate software development using **GitHub** and **Maven**.
* Utilize **Maven** and **Gradle** scripts for building and deploying the application on web/App servers.
* Using Git as source control management gives a huge speed advantage on centralized systems that have to communicate with a server.
* Use Gradle build tool to deploy the application on the web servers.