

RAHUL SHARMA

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<https://github.com/sharmar488>

Summary

Technically skilled Software Developer with a strong foundation in Java 1.8, Spring Boot, Microservices, and Angular. Proficient in AWS, Unix, and web services. Experienced in delivering end-to-end solutions with a focus on creating seamless user experiences. Adept at collaborating within Agile environments and driving technical excellence.

Experience



Java Developer

Birlasoft

Dec 2019 - Aug 2021 (1 year 9 months)

- Designed and implemented back-end functionalities using spring-boot and Hibernate, enabling seamless data processing and efficient server-side operations.
- Implemented Microservices architecture using Spring Cloud, Spring Boot, Netflix Eureka, Ribbon, Zuul API gateway, and Hystrix.
- Developed interactive web applications view layers using templating engines such as Thymeleaf, Java Server Pages, HTML, and CSS ensuring a seamless user experience and intuitive interface.
- Implemented data-driven solutions by leveraging SQL and MySQL to store, retrieve, and manipulate large datasets efficiently.
- Collaborated with a team to build and maintain web applications, employing Git for version control and ensuring smooth code integration.
- Designed and developed RESTful APIs to communicate seamlessly between front-end applications and back-end services.
- Integrated Angular JS and jQuery libraries into front-end development, enhancing user interactivity and overall functionality by 20%.
- Experience using message brokers such as Apache Kafka 2.8, and Java Messaging Services like ActiveMQ in enterprise applications to transmit, process, and consume messages with simplicity and reliability.



Software Developer

KPIT

Oct 2018 - Dec 2019 (1 year 3 months)

- Comprehensive understanding of Software testing, including creating test scenarios, Unit Testing, and writing test cases and reports.
- Developed a Hybrid framework using Java and Selenium for performing regression testing.
- Scripted 1000+ test cases for 10+ modules like PDH, SCM, and HCM, to ensure the cloud-based application's functionality.
- Led a project to integrate product data from various sources (e-commerce platforms, ERP systems, suppliers) into a centralized Product Data Hub.
- Build Automated Test Scripts for cloud applications in 10+ modules to reduce tedious tasks.
- Reported 100+ regression defects after analyzing the test suite execution report and tracked them till

closure according to the defect life cycle.

- Well acquainted with SDLC and exposure to all phases of STLC.
- Prepared test deliverables and defect logs comprehensively in line with customer requirements.
- Employed practical problem-solving skills to identify and resolve complex technical issues.

Education



George Mason University

Masters, computer science

2021 - 2023

GPA-3.7/4.0



GL Bajaj Institute of Technology and Management

Bachelor, computer science

2014 - 2018

GPA-6.4/10.0

Skills

HTML • java • JavaScript • object-oriented design • Amazon Web Services (AWS) • jQuery • Cascading Style Sheets (CSS) • Angular • Automated Software Testing • Spring MVC • Jenkins • Maven • Selenium • SQL • Rest API • Microservices • Containerization • OOPs • Maven • Docker • EC2 • CI/CD • Web Development • Spring Boot • Algorithms • Data Mining • Data Analytics • ML • RDBMS • SDLC • STLC • JDBC • Agile • JIRA • JSON • JPA • Hibernate • Kafka

Academic Projects

- Build a TODO web application that allows users to do all **CRUD** operations using JSP, Servlet, and MySQL databases.
- Developed a web application implementing **JPA** and auto caching mechanism using **HazelCast** in Spring Boot framework.
- Deployed the Containerized application on **Kubernetes** with the use of Rancher and establish the CI/CD pipeline that includes a Git repository at GitHub and **Jenkins** for automated build and deployment.
- Develop a Student Survey Form using **JavaScript** functionality, demonstrating how to use **cookies**, JavaScript functions, **event handling**, jQuery, and Ajax implementation.
- Build a CS department **webpage** and add a survey page, which is uploaded to the EC2 instance.
- Word Analysis which shows the website's top seven most used words with an exact number of times using **data visualization** & data mining.

Honors & Awards



Graduate Teaching Assistant - George Mason University

Aug 2022

Worked as a Graduate Teaching Assistant for two consecutive semesters to assist these courses SWE-419(OO Software Design and Implementations), SWE-619(OO Software Specification and Construction), and SWE-205(Software Usability Analysis and Design)