

RAHUL SHARMA

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Summary

Technologies: OOPs | SQL | Maven | AWS | Jenkins | Docker | EC2 | S3 | CI/CD | Web Development | Automation Testing | Spring Boot | Algorithms | Data Mining | Data Analytics | AI | ML | NLP | RDBMS | SDLC | STLC | JDBC | Agile | Spring MVC | JIRA | JavaScript | jQuery | Angular

Experience

Software Developer

NTT Data Services

Aug 2021 - Feb 2022 (1 year 6 months)

- Led the development of a robust and scalable web application utilizing modern technologies such as HTML, CSS, JavaScript, Java, and Spring Boot.
- Developed responsive and intuitive user interfaces using HTML, CSS, and JavaScript frameworks (e.g., Angular) to enhance user experience and ensure optimal performance across devices. Use maven build supported by Jenkins for automated deployment and running.
- Implemented RESTful APIs and server-side functionalities using Java and Spring Boot, enabling seamless communication between the front-end and back-end components.
- Designed and optimized relational databases (e.g., MySQL, PostgreSQL) to efficiently store and retrieve application data.
- Collaborated with the Quality Assurance team to conduct unit tests and resolve reported bugs, ensuring the delivery of high-quality software.

 birlasoft

Software Engineer

Birlasoft

Dec 2019 - Aug 2021 (1 year 9 months)

- Comprehensive understanding of Software testing, including creating test scenarios 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.
- Use maven build supported by Jenkins for automated deployment and running.
- 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. resource allocation.
- Employed effective problem-solving skills to identify and resolve complex technical issues.

Consultant

KPIT

Oct 2018 - Dec 2019 (1 year 3 months)

- Developed interactive web applications using JavaScript, HTML, and CSS, ensuring a seamless user experience and intuitive interface.
- Implemented data-driven solutions by leveraging SQL and MySQL to efficiently store, retrieve, and manipulate large datasets.
- Collaborated with a team to build and maintain web applications, employing Git for version control and ensuring smooth code integration.
- Integrated Angular Js and jQuery libraries into front-end development, enhancing user interactivity and improving overall functionality.
- Designed and implemented back-end functionalities using spring-boot, enabling seamless data processing and efficient server-side operations.

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 • python

Academic Projects

- Build a TODO web application that allows users to do all **CURD** operations using JSP, Servlet, and MySQL databases.
- 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)