SONAL SHARMA

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EXPERIENCE

March 2021 - Present

Forrester
Software Engineer, QA

- Created web automation framework from scratch for 2 projects using Selenium Java.
- Experience in Page Object Model(POM) and data driven framework. Worked on Selenium and Katalon studio test framework
- Worked on test planning, test case creation, manual and automation testing, defect report, debugging and resolving issues, test closure
- Worked on jenkins, git and maven for CI/CD setup
- Worked on API and performance testing using Jmeter and Postman
- Also worked as a member of websupport team. Worked on resolving client queries related to our website and debugging reported issues
- Worked on Salesforce and Contentful CMS and inhouse tools for test data creation. Automated test data creation in Salesforce and wrote script for verifying successful data migration to contentful

September 2019 - February 2021

Hughes Systique Corporation
Engineer

- Familiar with all phases of Software Development Life cycle
- Strong experience in web and mobile automation testing using Selenium and Appium (Java)
- Experience in identifying and fixing bugs in JEE application
- Conducting software analysis, programming, testing and debugging
- Well versed with Test documentation (Test Scenario, Test case, Test data, Defect Report, Test Metrics)

September 2018 - December 2018

Samsung
Social Media Marketing Intern

- Worked on creating content and engaging followers in Samsung members application

May 2017 - July 2017

National Thermal Power Corporation Limited
Intern

- Studied networking concepts and learned about network of NTPC and delivered presentation on the same

EDUCATION

2019

National Institute of Technology, Delhi
Electronics and Communication Engineering

2015

Global Indian International School, Singapore
Class 12
90%

SKILLS

- Programming Languages: Java, C, C++, PHP
- Frontend Technologies: HTML, CSS, JavaScript, JQuery,Bootstrap
- Database: MySQL
- Automation Testing: Selenium, Appium and Katalon Studio
- Java Technologies: JDBC, JPA, Spring boot, JUnit
- Tools: Eclipse, Jira, Bugzilla, Spring tool suite, Postman, Visual Studio code, Maven, Jenkins, Github, Jmeter
- Data structures and Algorithms, Agile Methodology, Manual and Automation Testing, Test Automation framework, TestNG, Page Object Model, REST API

PROJECTS

- **Smart School bus**
  It uses RFID attendance system with SMS notification to parents. It sends SMS to parents when bus is at previous bus stop so that they can arrive on time for pick-up/drop-off. It also consist of alcohol and accident detection system.

- **Modern Safety Measures for detection and prevention of Hazardous Situations in Workplace Environment**
  This project detects various hazardous gases like CO_2, LPG etc and humidity and temperature level. It will generate an alarm if threshold value of any of these parameters is exceeded and the whole system is monitored through a web page.

- **Hotel Booking Website**
  A hotel website using HTML, CSS, JavaScript, SQL, PHP which allow users to book rooms and view facilities.

- **C++ Project: Sudoku game**
  This project is the development of an interactive C++ program in which the user solves a Sudoku puzzle shown on screen.

- **Mobile phone detector**
  When it detects RF signal from an activated mobile phone, its LED starts blinking and continues to blink until the signal stops