Shivam Sehgal

Associate Software Engineer

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74 - C, Pocket - B, Dilshad Garden, Delhi, India 📍

To give effective as well as efficient efforts towards attainment of organizational goals with exploring wide scope of knowledge and intelligence. To work in an environment that provides a challenging and rewarding career ensuring a high-level job satisfaction.

EDUCATION

Bachelor of Technology
Maharaja Surajmal Institute ofTechnoligy

06/2014 – 06/2018   *New Delhi, 81%*

Courses
- Electronics and Communication

All India Senior School Certificate Exam
CBSE

2013 – 2014   *88.60%*

All India Secondary School Exam
CBSE

2011 – 2012   *CGPA - 10*

WORK EXPERIENCE

Associate Software Engineer
Accenture

09/2018 – Present   *India*

Achievements/Tasks
- Working as an Automation Test Engineer at client site.
- Designed Reporting Portal using Django, which uses JIRA Rest APIs to fetch raw data, and displayed on frontend.
- Designed and implemented API Automation framework using Python and Behave.
- Designed and implemented Selenium/Appium framework for Automation testing using Java.
- Expertise in Understanding and Analyzing Test Requirements, Tracking changes and maintenance of Test Requirements.
- Writing Test cases using Appium for Android apps and Selenium for web based projects.
- Using Jira for managing test cases, defects and their requirements.
- Gathering data on integration issues and vulnerabilities and reporting all findings to Business with improvement recommendations.

ACCOMPLISHMENTS

Received Apex Award for Innovation and Thought Leadership from Accenture.

GENERAL License holder for operating HAM Radio by International Monitoring Station, Government of India.

Mentored more than 100 students in electronics, robotics and embedded design under Intel's K-12 Education Campaign.

SKILLS

Python Java Appium Django Selenium
Flask Oracle SQL/ MySQL Bit bucket Jira

PROJECTS

Telecom based project(Client site) (09/2018)
- Technologies : Selenium, Appium, Oracle SQL, Jira, Bit bucket, Weblogic
- Description : Working on automating various mobile based (Android) applications and web portals using Selenium and Appium.
- Created framework on Java supporting both Selenium and Appium for integrated test automation.
- Designed BDD framework using Python for API Automation.

PUBLICATIONS

Improvements in Crowd Estimation Algorithm for High Density Crowd Analysis in International Conference on Advanced Computing and Intelligent Engineering 2017, Rajasthan, India.

Any Touch: Design and Implementation of a Touch Interface for Bluetooth Enabled Personal Devices in International Journal of Engineering and Manufacturing Volume 8 number 2, Page 1.

Explosion Intensity Measurement using Piezo Element in International Research Journal of Engineering and Technology Volume 4, Issue 1 January 2017 S.NO: 31.

CO-CURRICULAR ACTIVITIES

Black Belt in Tae Kwon Do from World Taekwondo Federation, South Korea

Volunteered for NGOs like Nirmal Chhaya, Lakshyam.

LANGUAGES

English ● ● ● ●
Hindi ● ● ● ●

INTERESTS

Cooking Photography Travelling