

PUJAN ARYAL

Senior SDET | Senior QA Automation Engineer



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📍 Nepal

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🏠 Kathmandu, Nepal

WORK EXPERIENCE

Senior QA Engineer (Automation)

Logpoint

04/2022 - Present, Kathmandu

- Contributed to LogPoint SIEM product which is a leading security information and event management (SIEM) solution that enables organizations to efficiently detect, investigate, and respond to cyber threats by aggregating and analyzing log data from various sources with its powerful analytics and real-time monitoring capabilities.
- Developed and maintained robust and scalable test automation frameworks using Selenium, python and Robot Framework.
- Created efficient test scripts and scenarios for JMeter performance testing, simulating realistic user scenarios and measuring system behavior under different loads. Also, conducted API testing using JMeter, ensuring the functionality and performance of RESTful APIs.
- Managed the configuration and maintenance of the CI/CD pipeline using Jenkins, automating build and test processes and facilitating seamless deployment.
- Leveraged Python and Bash scripting to automate backend tests, streamlining tasks such as database testing, API testing, and system-level testing.
- Mentored junior team members, providing guidance on test automation best practices, conducting code reviews, and troubleshooting.
- Actively participated in Scrum/Agile meetings, including daily stand-ups, sprint planning, and retrospective sessions

Senior Software Engineer

Teksewa

05/2021 - 04/2022, Kathmandu

- Contributed to Integrated Project Development(IPD) product which is a fully integrated web solution that provides all functional aspects of road and bridge construction starting with estimate creation and electronic bidding, through construction management and then processing final contractor payment and project closeout.
- Developed and maintained a robust test automation framework using Selenium and C#, improving overall product quality and streamlining the testing process.

PERSONAL PROFILE

Highly skilled and results-driven QA Automation Engineer with 5 years of extensive experience in designing, developing, and implementing automated testing solutions. Demonstrated expertise in ensuring the delivery of high-quality software products by identifying and rectifying defects early in the development cycle. Possess a strong understanding of testing methodologies, agile practices, and continuous integration, coupled with a passion for innovation and continuous learning. Seeking a challenging role to contribute my technical proficiency and problem-solving abilities in a dynamic and collaborative environment.

SKILLS

Selenium

C#

Python

Robot Framework

Cypress

Jmeter

Jenkins

Linux

Bash

Postman

MSSQL

PL/SQL

.Net

JavaScript

REST API

Bamboo

Performance Testing

Appium

Playwright

Java

JIRA

Agile Methodologies

X-ray

Node.js

- Mentored and provided technical guidance to junior members of the automation team, fostering knowledge sharing and promoting professional growth.
- Coordinated and supervised the creation, review, and maintenance of test cases, test scripts, and test data to ensure comprehensive test coverage based on project requirements and specifications.
- Developed an enterprise-level application using .Net and JavaScript contributing to its successful implementation.
- Implemented various web components and functionalities, ensuring a seamless and efficient user experience.
- Identified and resolved numerous bugs and issues throughout the development process, utilizing strong problem-solving skills to address root causes and implement effective solutions.
- Designed and developed the MS SQL backend database for the application, meticulously planning and structuring the database schema to optimize data storage and retrieval capabilities.
- Actively participated in Agile/Scrum development processes, contributing to sprint planning, daily stand-ups, and sprint reviews.

Software Engineer

Cotiviti

08/2018 - 04/2021, Kathmandu

- Contributed to Nucleus, a payment accuracy product that leverages advanced analysis of healthcare insurance claims and provider billing patterns to ensure precise claims reimbursement.
- Expanded and strengthened the automation framework and test scripts using Selenium, including developing new functionalities and enhancing existing features. Also maintained the automation framework by monitoring its performance, addressing issues, and ensuring smooth operation.
- Actively tracked bugs and defects, documenting them and providing comprehensive reports to the development team and collaborated closely with developers to facilitate the timely resolution of issues, contributing to overall software quality.
- Utilized JMeter to conduct performance and load tests, simulating real-world scenarios and analyzing system behavior under heavy user loads. Identified performance bottlenecks and made optimization recommendations based on test results.
- Created detailed and comprehensive test plans and cases, documenting test scenarios, steps, expected outcomes, and specific test data or configurations required.
- Utilized Bamboo for continuous integration and deployment, configuring build plans and pipelines to automate build, testing, and deployment processes.
- Created a full stack application to display test metrics to the stakeholders using EmberJs, NodeJs and PostgreSQL.

EDUCATION

Bachelor in Computer Science and Engineering,

Nepal Engineering College, Bhaktapur

12/2012 - 12/2016

Completed bachelors of computer science and engineering from Nepal Engineering College

LANGUAGES

English ● ● ● ● ●

Nepali ● ● ● ● ●

LINKS

Github

Linkedin

Personal Portfolio

ACHIEVEMENTS

Applitools Cross Browser Testing Hackathon Winner

One of the Gold Winners in cross browser testing hackathon organized by Applitools. Was awarded with \$500 as a prize.

Cotiviti Hackafest Winner

Won cotiviti hackafest which is annual hackathon organized by Cotiviti for the implementation of selenium for running automation tests and optimization of in house selenium framework to support parallel test run.

Applitools Visual AI Rockstar Hackathon Winner

One of the Silver Winners in Visual AI Rockstar Hackathon organized by Applitools. Was awarded with \$200 as a prize.

Qualithon Winner 2022

UI Automation hackathon winner out of 200 participants organized by Qualitest company.

CERTIFICATION

JMeter Pro

- Issued by Blazemeter University

Certified SAFe 4 Practitioner

- Issued by Scaled Agile, Inc.

Continuous Integration With Jenkins

- Issued by Applitools

Mobile Automation With Appium

- Issued by Applitools

Cypress

- Issued by Applitools

REST Assured

- Issued by Applitools

Scaling Tests With Docker

- Issued by Applitools