**Pradip Baskota**

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Lalitpur, Nepal

**PROFESSIONAL SUMMARY**

Results-driven QA Test Automation Engineer with 3+ years of experience in optimizing testing processes and delivering efficiency gains. Proficient in creating data-driven frameworks and executing end-to-end and smoke tests, reducing manual testing time. Adept at integrating test strategies into Agile workflows, fostering team collaboration, and mentoring junior members. Committed to enhancing software reliability through comprehensive testing practices and continuous improvement.

**WORK EXPERIENCE**

**Test engineer, software** Jun 2023 - Present

Nirekha Dot Com Pvt. Ltd. • Bhaktapur, Nepal

working as a Quality Assurance Engineer(Test Automation Specialist) Contractor for Pacemate Inc in Florida, USA, contracted through Nirekha Dot Com Pvt. Ltd. in Nepal.

* Leveraged Python and Selenium to expand test coverage by introducing 11 end-to-end test cases, resulting in a 15% increase within 4 months.
* Seamlessly integrated comprehensive testing, including robust reporting, into the development pipeline, enhancing product reliability.
* Improved documentation coverage for better framework understanding and usage.
* Actively participated in Kanban processes for efficient workflow management.
* Collaborated with cross-functional teams to develop test plans and strategies.
* Conducted functional, regression, and performance testing using Python and Selenium, industry-standard tools.
* Contributed to a 15% overall product quality improvement through proactive issue identification and resolution.

**Test engineer, software** Jul 2022 - Jun 2023

Tekvortex Pvt. Ltd. • Lalitpur, Nepal

Worked as a Software Quality Analyst (QA Test Automation) with RANE Network Inc. in New York, USA, where Tekvortex Pvt. Ltd. in Lalitpur, Nepal, served as the offshore team.

* Established a Data-Driven Framework using the Page Object Model Design Pattern, incorporating Python and Selenium, to automate UI and API tests across six web applications.
* Managed test strategy, planning, and execution in a diverse agile Scrum team of 20 members across the USA and Nepal.
* Enhanced security and flexibility by integrating the framework with AWS Parameter Store for test data management.
* Successfully integrated the automated testing framework into the CI/CD pipeline using Jenkins on an Amazon EC2 instance, streamlining the deployment process.
* Mentored and coached 3 QAs within my team and 2 in another, including code review sessions and PR approvals.
* Achieved a 60% reduction in manual regression testing time, saving 130 hours per sprint, by executing 30 end-to-end and 200+ smoke tests post-deployment on both production and staging environments, with additional cross-browser and cross-platform testing for increased coverage.
* Conducted regular API, Load, Performance, and Security Tests, including those using Python and Selenium, to ensure software reliability and scalability.

**Test engineer, software** Apr 2020 - Jul 2022

Digischool Global Pvt. Ltd. • Kathmandu, Nepal

Worked as Quality Assurance Lead (QA Test Automation) for Digischool Global Pvt. Ltd.

* Enhanced the test automation framework by implementing data-driven capabilities, robust test data management, HTML reporting, and local/remote execution flexibility. Successfully integrated it into the development pipeline.
* Achieved an impressive 40% reduction in test execution time, optimizing the entire suite from 3 hours to 1 hour 45 minutes. This was accomplished through strategic framework improvements, test script optimization, and the elimination of redundant wait times, significantly improving testing efficiency.
* Implemented mobile app test automation with a coverage rate of 35%, resulting in a time-saving of 15 hours per feature test.
* Enhanced the reliability of the test automation framework by reducing false positives by 30% through framework enhancements and code reviews.
* Diligently managed defect and bug reporting, maintaining meticulous tracking and documentation of changes in tickets.
* Provided leadership and mentorship to the QA team, guiding junior team members in their roles and fostering a collaborative and productive working environment.

**EDUCATION**

**Computer engineering, general** 2014 - 2018

Institute of Engineering • Lalitpur, Nepal

**SKILLS**

* **Programming:** Python, Javascript, Java, Typescript
* **QA/SDLC:** Agile, Scrum, Kanban, Test Cases design, Mobile and Web Apps Testing, Jira, Confluence
* **Test Automation:** Selenium, Cypress, Postman, Jmeter, Postman, Appium, Allure
* **CI/CD:** Jenkins, AWS EC2 and Parameter Store, Docker, Bitbucket Pipelines, YAML scripting, Selenium Grid
* **General Tools:** Git, Android Emulator, GitHub, Bitbucket, Gitlab, Notion
* **Databases**: MySQL, PostgreSQL, MongoDB
* **Other Skills:** Technical Documentation, proficient in both XPath and CSS Selectors, Ms- Office suite, ChatGPT
* **Language Proficiency:** English (full proficiency - 8 overall in IELTS), French (Basic, self-taught), Nepali (Native), Hindi (fluent in all 4 areas)

**AWARDS AND HONORS**

**Merit-Based Scholarship** 2017

Earned merit based scholarship for a semester for being top of my class.

**RANE Employee of the Quarter** 2023

Was awarded RANE Employee of the Quarter for being the top performer from the development team for the first quarter of 2023.