Nikesh Man Shrestha

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PROFESSIONAL SUMMARY

Computer Engineer, professionally trained for a QA Engineer role, with experience of 4 months in QA, API development and testing. Currently expanding expertise in both manual and automation testing, with a strong focus on ensuring software quality and efficiency. Passionate about learning new testing methodologies and tools to drive excellence in QA.

SKILLS

Languages: Python, JavaScript	**Database:** SQL
Tools: JIRA, Git, Postman API, Appium, JMeter	**Library/Frameworks:** Selenium, pytest, ReactJS
Cloud Computing: AWS, Azure	**Markup Languages**: HTML, CSS

EDUCATION

Bachelors in Computer Engineering – Kantipur Engineering College, Dhapakhel, Lalitpur	**2019 – 2024**
Plus two (Science) – Gems Institute of Higher Education, Dhapakhel, Lalitpur	**2017 – 2019**

EXPERIENCE

QA Intern   **Feb, 2025 – Present**
Smart Solutions Technology   *Kamladi, Kathmandu*

- Developed detailed test plans to ensure thorough coverage of all functional and non-functional requirements for web applications.
- Authored clear and concise test cases to validate application functionality, ensuring high-quality user experience.
- Built and executed robust automation scripts using Selenium and pytest framework, reducing manual testing efforts and improving efficiency.

Tools: Selenium (Python), pytest, JMeter, OWASP ZAP

R&D Intern   **Dec, 2024 – Feb, 2025**
Arhant Solutions, ICTC group   *Hattisar, Kathmandu*

- Research and implementation of file compression api using **python** for in-house application
- Developed a parallel processing system that handled a various format of images (*.jpg*, *.png*, *.bmp)*, documents and videos and decreased their size by **68% plus** while maintaining quality standards.

Tools: Python, Postman API

PROJECTS

Automation Test script for Ecommerce website   **Selenium, Python**

- Development and execution of automation script using **Selenium** (Python and pytest) that generates report of the test execution of module scripts for test ecommerce site.
- Authored concise test cases to validate the different application functionalities.

Fake News Detection   **Python, Machine Learning**

- Performed data visualization and cleaning on ISOT dataset and implemented **LSTM** model for the system.
- Predicted the fakeness of news by implementing a neural network and Glove vectors by measuring the similarity between the vectors. The implementation of gradient descent, learning rate, and regularization was done to find accuracy of the system.

Resume Matcher   **Python, Natural Language Processing**

- Performed Natural language processing on text data, conversion of text to vectors using TF-IDF vectorization.
- Implementation of algorithms such as TF-IDF vectorization and cosine similarity

CERTIFICATIONS

Quality Assurance
Broadway Infosys -2023

Python with Django
Kantipur Engineering College -2022