

# Bijaya Thebe

Talchhekhel, Lalitpur, Nepal

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## Professional Summary

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Detail-oriented and results-driven **Software Automation Engineer** with over **1.5 years of hands-on experience** in **content Scrapping, manual/data/regression/API testing**, and **data quality assurance** within **healthcare** and **regulatory AI** domains. Currently working as an **Associate Software Automation Engineer at BitsKraft Pvt. Ltd.**, contributing to US-based projects such as *Waystar* and *NormAI*.

Proficient in implementing both **SDLC** and **STLC** processes, with strong capabilities in writing and executing **automated and manual test cases**, conducting **regression and data testing**, and validating **API endpoints**. Adept at preparing comprehensive **QA documentation, issue reports**, and delivering effective **QA presentations**. Proven track record of enhancing test coverage, reducing release cycles, and ensuring high-quality software delivery in Agile environments and provide trustworthy support system for Waystar and NormAI project.

## Technical Skills

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- **QA Domain:** Manual/Regression Testing, Data Testing, API testing, STLC Principles, Cypress, Selenium
- **Languages:** Python, JavaScript, C, C++, SQL
- **Web & Backend:** Django, Node.js, flask, Streamlit, Gradio
- **Data Libraries:** Pandas, NumPy, Matplotlib, SciPy, Bs4
- **Databases:** MySQL, PostgreSQL
- **Data Visualization:** Basic Power BI, Tableau
- **AI and Agents:** Hugging Face, LLMs, Gen AI, RAG, AI agents(n8n, RPA, LangChain, etc)
- **Domain Expertise:** Healthcare systems, AI automation, SDLC and STLC, Client-Server Architecture
- **Soft Skills:** Strong communication and Presentation Skills, Highly Adoptable, Git and Github

## Professional Experience

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**Associate Automation Software Engineer** Jun 2024 – Present *BitsKraft Pvt. Ltd. – Kathmandu, Nepal*

- Engaged in automation engineering tasks for **Waystar** (US-based healthcare project) and **NormAI** (AI-based initiative).
- Developed and maintained backend components and data automation tools using Python.
- Collaborated with global teams to deliver client-focused solutions and improve data pipelines.
- Worked on performance optimization and deployment in a fast-paced, results-driven environment.

## Professional Project Based Experience

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**Waystar – US-based Healthcare Automation Platform**

*Hybrid - 2024 – Present*

- Developed and optimized an end-to-end **data scraping and transformation pipeline** for healthcare payers including *Molina Healthcare, CarePlus, AmeriCaritus*, and others.
- Achieved a measurable **96% increase in project efficiency** through scalable Python-based automation solutions.

- Conducted comprehensive **API request-response validation** and implemented **data QA checks** to ensure accuracy and compliance.
- Designed and executed **regression testing frameworks** using **Selenium** and **PyTest** for client workflows and feature updates.
- Fostered a collaborative QA culture within the team, ensuring timely delivery and continuous quality improvements.

NormAI – US-based Regulatory AI Platform

Hybrid — 2024 – Present

- Spearheaded the **early-stage data collection and preprocessing** for AI model training, completing an 8-month task in just 4.5 months.
- Scraped and structured regulatory data from leading institutions such as *BlackRock*, *JPMorgan*, and US healthcare firms.
- Designed **test case blueprints** and conducted both **manual and regression testing** for ML model output validation and application workflows.
- Built data pipelines and compliance automation tools tailored to strict **US regulatory standards**.
- Currently leading the **second-phase data collection**, while automating tests using **Selenium (Java)** and **Cypress**.

Education

- **Bachelor in Computer Engineering**  
Kantipur Engineering College, Lalitpur, Nepal2019 – 2024
- **Higher Secondary (+2 Science)**  
Ambition Academy, Kathmandu, Nepal2017 – 2019

Personal Projects (College Time)

- **English to Nepali Translator - [Major Project]**  
Transformer-based neural machine translation with attention mechanism.  
*GitHub:* [github.com/HuksoLimbu/Language.Translator.En.Ne](https://github.com/HuksoLimbu/Language.Translator.En.Ne)
- **Blockchain Voting System - [Minor Project]**  
Secure voting platform for academic elections using blockchain.  
*GitHub:* [github.com/HuksoLimbu/blockchainvoting.Minor.clzProject](https://github.com/HuksoLimbu/blockchainvoting.Minor.clzProject)
- **House Price Prediction System**  
Linear regression model to forecast real estate values.  
*GitHub:* [github.com/HuksoLimbu/PRODIGY.ML.Task-01](https://github.com/HuksoLimbu/PRODIGY.ML.Task-01)
- **Diabetes Detection System**  
SVM-based classifier for early diabetes risk prediction.  
*GitHub:* [github.com/HuksoLimbu/Diabetes.Pred.System.ML.Project](https://github.com/HuksoLimbu/Diabetes.Pred.System.ML.Project)

Best-Fit Roles Summary (Upcoming Opportunities)

- **QA Automation Engineer**  
Strong in Python, Selenium, PyTest, and Cypress with hands-on experience building robust test suites.
- **AI QA/Validation Engineer**  
Skilled in LLMs, Gen AI, LangChain, and n8n — capable of validating AI workflows and intelligent systems.
- **SDET (Software Development Engineer in Test)**  
Backend/frontend test experience using SQL, APIs, and POM-based automation frameworks.

- **Data Engineer**

Skilled in building ETL pipelines using SQL and Python. Experienced in scalable data workflows and integration, with hands-on expertise in Power BI and Tableau for analytics and visualization.

- **AI Workflow QA / Prompt Tester/ AI Engineer**

Able to test and improve LLM outputs, prompt chains, and AI agent reliability.

## Key Strengths

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- Strong foundation in SDLC/STLC with automation and regression testing experience.
- Proven domain experience in healthcare, AI, and data-driven solutions.
- Proficient in test automation, data validation, and API testing.
- Practical exposure to Gen AI, RAG, LLMs, LangChain, RPA, and AI agents.
- Clear communicator with strong reporting and stakeholder presentation skills.
- Delivered projects ahead of ETA, showing ownership and planning strength.