

YUNISHA BASKOTA

Kathmandu , Nepal

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Portfolio : yunisha100.github.io

PROFILE

Dedicated and detail-oriented aspiring Quality Assurance Engineer with a solid foundation in computer engineering and a strong desire to learn and grow in the QA field. Possess knowledge in manual and automation testing, with hands-on experience in using tools like Selenium and Python. Known for excellent analytical skills, and attention to detail. Seeking an opportunity to apply my skills, gain practical experience, and contribute to a dynamic team.

EDUCATION

Bachelor's Degree in Computer Engineering

Tribhuvan University- IOE,
Purwanchal Campus | Dharan, Nepal
2019-2024

EXPERIENCE

Quality Assurance Engineer - Intern

July 2024 - Present

Everestwalk Groups | Kathmandu, Nepal

- Conducted manual testing for both web and APK versions of applications.
 - Identified, documented, and reported bugs using JIRA.
 - Tested RESTful APIs using Postman to ensure proper functionality and performance.
 - Conducted performance testing using JMeter to assess the scalability and reliability of applications.
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PROJECTS

MentalHealthMatters - MHM

Github - [MHM_B](#)

An AI-powered web application designed to increase awareness and enhance mental health well-being.

- **Stressometer** - Designed and integrated an AI-driven module to predict and assess stress levels using data analytics on users' sleep patterns, exercise routines, and self-reported emotions.
 - **Doctor AI chatbot** - Developed an interactive chatbot powered by advanced NLP algorithms to simulate conversations with users about their mental health symptoms.
 - **Doctor Recommendation System** - Implemented a recommendation engine that analyzes user interactions and preferences to suggest suitable mental health professionals.
 - **MHM Blog** - Initiated and managed a blog platform within the app, fostering a community space for users to share experiences and tips on mental health.
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Nepali HealthQA: Enhancing Question Answering in Nepali with Transformer Models on Health Datasets

- **Vector Database Integration:** Employs mathematical dot product or cosine similarity for efficient retrieval of relevant health information.
- **Natural Language Processing:** Ensures a conversational interface, allowing intuitive and theuser-friendly interactions.
- **Machine Learning Integration:** Continuously improves response accuracy and adapts to evolving medical information.
- Analyzes and interprets user-described symptoms to generate accurate and relevant responses.

TECHNICAL SKILLS

- Deep understanding of **Software Testing Life Cycle (STLC), Principles, Testing Methodologies, V-Model & Agile Model.**
- Knowledge of **Test planning & preparation of Test Cases, Bug Tracking & Bug Reporting** also executing the same.
- Expertise in **Manual Testing** in all phases of testing.
- Knowledge of **Automation Testing along with Selenium.**
- Knowledge of **API Testing and Postman and Performance Testing with JMeter**
- Understanding of **Unit Testing, Functional Testing, System Testing and Regression Testing .**

KEY SKILLS

- **Front-end Web Developement :** HTML ,CSS , Tailwind CSS, Js , ReactJs
- **Machine Learning(AI):** Natural language Processing (NLP) , LLMs , Data Analysis , Deep Learning
- **UI Designing :** Figma , Photoshop Basics
- **Programming Languages :** C , C++ , Python , Javascript, Java
- **Project Management tools :** github , Git , MS Office , Canva,Jira
- **Database Management System:** SQL, mySQL, PostgreSQL, Firebase
- Strong Analytical and Communication Skills

CERTIFICATIONS

Software Quality Assurance: Deerwalk Training Center
Quality Assurance Training : [Completed](#)

Software Testing: Coursera, University of Minnesota
Introduction to Software Testing: [Certificate](#)
Black-box and White-box Testing: [Certificate](#)
Introduction to Automated Analysis: [Ongoing](#)

Web Development : ACES , Purwanchal Campus
Basic PHP & Laravel Workshop : [Certificate](#)
Web Development Training : [Certificate](#)

API Testing : Test Automation University
API Testing With Postman : [Certificate](#)

Data Analytics : Coursera, Google
Foundations: Data, Data, Everywhere : [Certificate](#)

REFERENCES

Manoj Kumar Guragain | manojkguragai@ioepc.edu.np
Professor , IOE Purwanchal Campus