

YUNISHA BASKOTA

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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

NEB(+2) - Liverpool International College

Kathmandu, Nepal

2017-2019

PROJECTS

Github - [MHM_B](#)

MentalHealthMatters - MHM

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

The **key features** developed for MHM

- **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.

ChatHealth

Github - [ChatHealth](#)

Nepali HealthQA: Enhancing Question Answering in Nepali with Transformer Models on Health Datasets

The **key features** developed for ChatNepali

- **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.
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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.**
 - Understanding of **Unit Testing, Functional Testing, System Testing and Regression Testing .**
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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
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CERTIFICATIONS

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

Sotware Quality Assurance: Deerwalk Training Center
Quality Assurance Training : [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
