

# YUNISHA BASKOTA

Kathmandu , Nepal

Phone No. : 9818899689

Email : [baskotayunisha@gmail.com](mailto:baskotayunisha@gmail.com)

Github : [Yunisha100](https://github.com/Yunisha100)

LinkedIn : [yunishaBaskota](https://www.linkedin.com/in/yunishaBaskota)

Portfolio : [yunisha100.github.io](https://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.
-

## 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 .**
- 

## 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
  - DBMS,SQL,Firebase
  - Strong Analytical and Communication Skills
- 

## CERTIFICATIONS

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

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

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

**Data Analytics** : Coursera, Google  
Foundations: Data, Data, Everywhere : [Certificate](#)  
Ask Questions to make Data-Driven Decisions: [Ongoing](#)

---

## REFERENCES

**Manoj Kumar Guragain** | [manojkguragai@ioepc.edu.np](mailto:manojkguragai@ioepc.edu.np)  
Professor , IOE Purwanchal Campus

**Aarjan Baskota** | **9849321326**  
CTO , Studydote Pvt. Ltd.

---