Utsab Maharjan

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ABOUT ME

IT Engineering from Nepal College of Information Technology and QA trainee aspiring to grow into a skilled Data QA Engineer. Experienced in identifying data issues, validating datasets, and improving software reliability through systematic testing. Passionate about delivering high-quality, accurate, and defect-free solutions while continuously enhancing in QA methodologies, SQL and data quality tools. Eager to contribute to building reliable, and user-focused IT solutions within a professional environment.

EXPERIENCE

Quality Assurance   2025 Feb - Aug
Treeleaf Shankhamul, Lalitpur
During my 3-month internship at TreeLeaf Technologies, I gained practical experience in manual and mobile testing, including test case design, bug identification, defect reporting, and ticket management, which gave me a strong foundation in QA processes and best practices. I also worked with SQL for data validation and backend testing, ensuring data accuracy and integrity across applications.

Following this, I was offered a 3-month paid internship (uprising), where I took on greater responsibilities and contributed to more advanced tasks. I explored AI applications in software workflows by developing chat plugins and AI-driven automation tools that improved efficiency and reduced errors. This phase allowed me to integrate traditional QA practices with modern technologies and automation, further strengthening my problem-solving, analytical, and collaboration skills.

SKILLS

- Databases: Proficient in Structured Query Language (SQL)
- Programming: Proficient in Object-Oriented Programming (OOP)
- Frontend Development: HTML, CSS, JavaScript (React.js), Bootstrap
- UI/UX Design: Figma, Adobe Photoshop, Adobe Illustrator
- Tools & Platforms: Git, GitHub, VS Code
- Frameworks & Backend: Familiar with Django framework, experience with APIs and database integration

PROJECTS

Online Blood Bank Management System
Developed Blood management System to locate the interested donor, and the requests form the patients. Using HTML, CSS, Javascript, PHP

Image Stegnography File Management Systen
Developed Steganographic secure file storage system that allows the user to secure the file using AES encryption and store those encrypted data into the image using steganography. Using React.js, Python

Flow Sync Traffic Light Optimization System
Created FlowSync web application that manipulates the traffic light with intensity of vehicle in the intersection, it allocates the time for the particular path dynamically according to the density in the intersection. Using Python-Django, React.js, Yolo algorithm

ACHIEVEMENT

NCIT, Balkumari, Lalitpur
Participant, NCIT HackFest   January 11 - 13, 2024

Development of a Traffic Light
Optimization project using Computer Vision,
which won the Best Innovation Award.

EDUCATION BACKGROUND

Pokhara University 2019-2023
Nepal College of Information Technology, Balkumari
IT Engineering

United Academy, Kumaripati +2 2017-2019

I J Pioneer Higher Secondary School 2017

Broadway Infosys, Tinkune May 7, 2024
Python and Django

REFERENCE

Allen Maharjan | Software Engineer | +9779860484445

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