Shreyash Poudel

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PROFESSIONAL SUMMARY

I'm a Computer Science student at Kathmandu University who is passionate about ensuring software quality and delivering seamless user experiences. Over time, I have developed a keen interest in manual and automated testing, where I enjoy identifying defects, validating functionality, and contributing to the overall reliability of software products. Strong team player passionate about problem-solving and developing impactful software.

SKILLS

- **QA & Testing Skills:** Test Automation (Playwright), Manual Testing, Test Case Design, Bug Reporting, Load & Performance Testing (JMeter), API Testing, Test Documentation.
- **Programming Languages:** C, C++, Dart, JavaScript
- **Frameworks:** Flutter
- **Tools:** Git, GitHub, VS Code, Postman, Chrome DevTools, Jira
- **Soft Skills:** Communication, Leadership, Problem-Solving, Team Coordination, Analytical Thinking

EXPERIENCE

QA and Testing Intern, Flowzi Pty Ltd. - Australia - Aug 2025 - Present (Remote)

• Performed functional and automated testing of web applications using Playwright.

• Executed API testing to validate backend functionality and data integrity.

• Developed and maintained detailed test cases, scripts, and QA documentation.

•Collaborated with cross-functional and remote teams to ensure timely bug resolution and high-quality deliverables.

RESEARCH

TikhoFormer: A Two-Stage Blur Classification and Transformer-Based Deblurring Framework   August 2025

Mukul Aryal, Bigya V. Dhungana, Suyog Ghimire, Shreyash Poudel

- Presented at: National Conference on Computer Innovations (NCCI 2025), Kathmandu University, August 24, 2025.
- Designed a novel two-stage framework combining a feature-based classifier with specialized deblurring networks.
- Achieved a state-of-the-art Structural Similarity Index (SSIM) of 0.982, prioritizing perceptual quality and outperforming larger architectures.

A Computationally Efficient Method for Road Segmentation and Statistics-Based Classification on Low-Power Devices   November 2025

Mukul Aryal, Bigya V. Dhungana, Suyog Ghimire, Shreyash Poudel, Sudan Jha

- Presented at: 2nd International Conference on Computational Technologies and Electronics (ICCTE 2025), University of North Bengal, November 20, 2025.
- Developed a complete Computer Vision pipeline to segment and classify road conditions from images without any Machine Learning.
- Achieved an IoU of 0.7 for segmentation and an Accuracy of 0.75 for classification.

PROJECTS

Fittosophy

A fitness app developed with the objective of making health and wellness more accessible and engaging.
- Fittosophy is an advanced fitness companion application designed to offer personalized workout routines,fitness progress tracking, and promote healthy lifestyle habits.
- Designed and optimized an intuitive, visually appealing user interface to enhance efficiency and ease of use.

Tixify

Tixify is a ticketing app designed to streamline event discovery, booking, and seat selection for movies, concerts, and other events.
- Tixify is an innovative ticketing platform designed to revolutionize the way users purchase tickets for various events, including movies, concerts, sports matches, and watch-togethers.
- Designed the welcome page, landing dashboard, and profile screen to create a seamless and engaging user experience.

SadakVision

An innovative solution that uses computer vision to monitor road conditions, identify hazards, and improve safety for drivers and pedestrians.
- Integrated a deep learning model into a Flutter-based system to identify and map road defects.
- Contributed by implementing Google Maps integration for location mapping and developing the profile screen for user interactions.

CERTIFICATIONS AND ACHIEVEMENTS

- **Introduction to Playwright**   **2025**
  Applitools
  Credential ID e46ea22e ([Certificate](#))
- **Postman API Fundamentals Student Expert**   **2024**
- **Logistic Lead, All Nepal IT Cup**   **2024**
- **Operation & IR Team Member, KU HackFest**   **2024**
- **Volunteer Contributor, IT Meet**   **2024**

EDUCATION

Kathmandu University   **2021-Present**
BSc. Computer Science
Dhulikhel

United Academy   **2019-2021**
+2 in Science (Computer)
Lalitpur
St. Xavier School   **2009-2019**
SEE
Birtamod, Jhapa

LANGUAGES

Nepali (native), English (fluent), Hindi (conversational).