

# Srijana Lohani

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## PROFESSIONAL SUMMARY

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Detail-oriented Computer Applications student with experience in programming, web technologies, and machine learning concepts. Strong teamwork, communication, and organizational skills with the ability to adapt and contribute in diverse project environments.

## PROJECTS

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- Portfolio Website: [www.srijanalohani.com.np](http://www.srijanalohani.com.np)

- Crop Health Check System

- Github: <https://github.com/Srijaanaa/crop-health-detection-system>

A machine learning-based system to detect plant diseases from leaf images. Trained with PlantVillage dataset and built using Python, TensorFlow, and Flask for web deployment. Designed to assist farmers in early crop disease identification.

- Background Remover (Mini Project)

- Github: [https://github.com/Srijaanaa/bg\\_remover](https://github.com/Srijaanaa/bg_remover)

Removes image backgrounds using Python, rembg, PIL.

- Lost and Seek – Missing Item Finder

- GitHub: [https://github.com/Srijaanaa/Lost\\_and\\_Seek](https://github.com/Srijaanaa/Lost_and_Seek)

A web-based lost and found reporting system using PHP, JavaScript, and MySQL. Enables users to report, search, and manage lost items.

- AI-Powered Photo Booth (Face Filter App)

- Link: <https://srijaanaa.github.io/PhotoBooth/>

Built with HTML/CSS/JS for webcam photo capture and dynamic face filter effects. Deployed using GitHub Pages.

- GitHub Repositories

Explore other works and contributions: <https://github.com/Srijaanaa?tab=repositories>

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## SKILLS

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- Languages & Tools: Python, PHP, JavaScript, HTML, CSS, SQL, Java, Git
- Libraries & Frameworks: Pandas, NumPy, Matplotlib, Django, React
- Soft Skills: Teamwork, Leadership, Communication, Time Management, Problem-Solving

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## WORK HISTORY

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**Volunteer, 09/2025**

**Tech Carnival 2025 (Organizer)**

- Contributed to event planning and smooth coordination across activities.
- Recognized for dedication and effective support in ensuring the event's success.

**Volunteer, 04/2025 - 06/2025**

**AI for Good Nepal- Robotics for Good Youth Challenge – Kathmandu, Nepal**

- Collaborated with team members to develop promotional materials, ensuring alignment with the organization's mission and values.
  - Assisted with special events and programs.
  - Used strong interpersonal communication skills to convey information to others.
- Conducted surveys during events to collect feedback from participants, contributing valuable insight for future planning and improvement initiatives.

**Volunteer, 02/2025 - 04/2025**

**EWBN X DHBW Project – Remote**

- Conducted research on drone applications for mountain waste management
- Facilitated cultural exchange with German students
- Organized virtual meetups to build community

**Volunteer**, 01/2025

**LOCUS 2025- IOE Pulchowk** – Kathmandu

- Managed event registration and logistics
- Ensured smooth experience for attendees and guests

**Volunteer**, 12/2024 - 01/2025

**NCIT Noskathon Intra College Hackathon** – Lalitpur

- Monitored inventory and supported event execution.
- Contributed to planning and on-site technical support.
- Assisted with special events and programs.

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## EDUCATIONAL HISTORY

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- **Bachelor's:** Computer Application, 2022-2027

**Nepalaya College** - Kathmandu, Nepal

- **High School:** 05/2022

**Ranipauwa Secondary School**

Dhading

GPA: 3.45

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## CERTIFICATIONS

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- Generative AI – LinkedIn Learning (2024)
- Python – Kaggle (2024)
- Machine Learning – Kaggle (2024)
- GitHub Foundations – DataCamp (2025)
- 5-Day Online Data Science Bootcamp – Csitan

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## LEADERSHIP EXPERIENCE

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- Aspire Leadership Program, Developed teamwork and project management skills.
- NCIT Intra College Hackathon, Tech carnival, AI For Good & Locus IOE, Assisted in event coordination and technical support.

