

Sushila Shrestha

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SUMMARY

Eager to gain practical programming experience in frontend development and AI/ML, utilizing strong problem-solving and communication skills. Committed to contributing to innovative projects in these fields and advancing professionally through hands-on work and learning.

TECHNICAL SKILLS

Frontend Development: React

AI/ML: Pytorch, Pandas, Matplotlib, Jupyter Notebook, Google Colab, RAG, BERT

Tools: Git, Figma, Canva

Languages: HTML, CSS, JavaScript, Typescript, Python

Others: Google Workspace, Microsoft Word, PowerPoint

WORK EXPERIENCE

Volunteer - LOCUS Open Source Team ([Live Site](#))

Dec 2024

- Volunteered in creating and maintaining the website for LOCUS Open Source Team.
- Developed and enhanced website features using React and Tailwind CSS.

Organizer - Hack the Circle ([GitHub](#) | [Live Site](#))

Nov 2024 - Dec 2024

- Created official website for the hackathon using React and Tailwind
- Worked effectively in a team to ensure seamless website functionality and user experience
- Worked closely with designers to implement graphic requirements
- **Reference:** Abi Shrestha (Event Lead) - 9863476900

Frontend Developer - AR Treasure Hunt ([Live Site](#))

Oct 2024 - Dec 2024

- Collaborated in a team environment to achieve project milestones and ensure timely delivery
- Created interactive AR treasure hunt responsive website using React and Tailwind CSS
- **Reference:** Bibhushan Saakha (Event Lead) - 9840103828

PROJECTS

Tourist Attraction Recommendation System ([GitHub](#))

- Final year major project focused on personalized recommendations for tourists.
- Combined Neural Collaborative Filtering (NCF) with DistilBERT for text-based understanding of locations.
- Predicted user preferences based on location descriptions and user ratings.

Sentiment Analysis Using Transformer ([GitHub](#))

- Created a sentiment analysis model for beauty product reviews.
- Used transformer architecture to classify sentiments accurately.
- Enhanced text comprehension and classification performance using NLP techniques.

JUNU: Government Office Voice Assistant ([GitHub](#))

- Developed the frontend for JUNU, an AI voice assistant to assist citizens in navigating government services.
- Integrated user-friendly features to streamline interactions.
- Recognized as the **AI Track Winner** at the Semicolon Hackathon.

Hult Prize at KhCE Website ([GitHub](#)) — ([Live Site](#))

- Designed and developed a responsive event website using React, TypeScript, and Tailwind CSS.
- Created interactive components for smoother navigation and user engagement.
- Optimized layout for mobile and desktop platforms.

EDUCATION

2021 - present	Bachelor's in Computer Engineering at Khwopa College of Engineering - TU
2018 - 2020	NEB(+2) at United Academy (GPA: 3.23/4.0)

TRAININGS AND ACHIEVEMENTS

Achievements

- **AI Track Winner:** Semicolon Hackathon, in collaboration with Major League Hacking (2024)
- **Semi-finalist:** Hult Prize at IOE Pulchowk 2022/2023

Participation

- **Software Fellowship:** LOCUS 2025, IOE Pulchowk
- **Participant:** Project Digital SHE: "Strengthening Her Digital Equality", organized by Miss-Tech Robotics Association of Nepal