

# Sushila Shrestha

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## SUMMARY

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Eager to gain practical programming experience and utilize strong problem-solving and communication skills. Committed to contributing to innovative projects and advancing professionally.

## WORK EXPERIENCE

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**Volunteer - LOCUS Open Source Team** ([Link](#)) Dec 2024 - Present

- 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** ( [Repo](#) | [Website](#) ) 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** ( [Website](#) ) Oct 2024 - Present

- 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

**Deputy Campus Director - Hult Prize at KhCE** Dec 2023 - Feb 2024

- Supported campus operations and event coordination for the Hult Prize competition
- Organized workshops and networking events to foster student innovation

**Participant - Hult Prize at IOE** Dec 2022 - Jan 2023

- Presented innovative idea pitch on production of fabric from flax plant
- Achieved semi-finalist position in the competition

## PROJECTS

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**Tourist Attraction Recommendation System** [Link to Repo](#)

As a final year major project, a personalized recommendation system was developed using a hybrid model combining Neural Collaborative Filtering (NCF) with DistilBERT for improved understanding of textual place descriptions. The system predicts user preferences based on a dataset of ratings and unique places.

**JUNU: Government Office Voice Assistant** [Link to Repo](#)

Collaborated with a team to develop the frontend for Junu, an AI-powered voice assistant aimed at streamlining citizen interactions in government offices along with integrating features seamlessly. Contributed to the project's success, leading to its recognition as the AI Track Winner at the Semicolon Hackathon.

### Hult Prize at KhCE Website

[Link to Repo](#) | [Website](#)

Contributed to developing a simple and functional website for Hult Prize at KhCE 2024/2025 using React with TypeScript and styled with Tailwind CSS. The website includes a responsive design optimized for various devices, interactive components for enhanced user engagement, and intuitive navigation.

### Personal Portfolio Website

[Link to Website](#)

Developed my first React.js project, a personal portfolio website. The site features a modern, responsive design with interactive components, demonstrating proficiency in React and frontend development.

### Sentiment Analysis Using Transformer

[Link to Repo](#)

Created a sentiment analysis model using transformer architecture to evaluate and classify sentiments in beauty product reviews. Enhanced the model's accuracy in understanding consumer opinions and feedback from textual data.

## EDUCATION

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

## SKILLS

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**Programming Languages:** Python, C, C++, JavaScript, TypeScript

**Web Technologies:** React, Tailwind, Node.js

**Others:** Graphics Designing