

SUSHILA SHRESTHA

Computer Engineer

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EXPERIENCE

Junior Frontend Engineer Aug 2025 - Present
[VEEL](#) Kathmandu, Nepal

- Build and maintain responsive, production web interfaces as part of the frontend engineering team using React and TypeScript
- Collaborate with designers and backend engineers to develop, test, and ship new product features

Frontend Intern May 2025 - Jul 2025
[VEEL](#) Kathmandu, Nepal

- Contributed to frontend development by building UI components and improving the product interface

Volunteer Dec 2024
[LOCUS Open Source Team](#)

- Built and maintained the official website for the LOCUS Open Source Team
- Developed and enhanced site features using React and Tailwind CSS

Organizer Nov 2024 - Dec 2024
Hack the Circle ([GitHub](#))

- Built the official hackathon website using React and Tailwind CSS
- Collaborated with the team to ensure seamless functionality and a smooth user experience
- Worked closely with designers to implement graphic and UI requirements

Reference: Abi Shrestha (Event Lead) — 9863476900

Frontend Developer Oct 2024 - Dec 2024
AR Treasure Hunt

- Developed a responsive, interactive AR treasure-hunt website using React and Tailwind CSS
- Collaborated in a team environment to hit project milestones and deliver on time

Reference: Bibhushan Saakha (Event Lead) — 9840103828

SKILLS

Languages: Python, JavaScript/TypeScript, HTML, CSS

Frontend: React, Next.js, TanStack Start, Tailwind CSS

APIs & Integrations: REST, GraphQL, Resend

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

Tools: Git, Figma, Canva

PROJECTS

Tourist Attraction Recommendation System | *Python, PyTorch, NCF, DistilBERT* [GitHub](#)

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

JUNU: Government Office Voice Assistant | *React, AI, Voice Assistant* [GitHub](#)

- Developed the frontend for JUNU, an AI voice assistant that helps citizens navigate government services
- Built user-friendly features to streamline citizen interactions
- **AI Track Winner** at the Semicolon Hackathon

Sentiment Analysis Using Transformer | *Python, Transformers, NLP*

[GitHub](#)

- Built a sentiment-analysis model that classifies beauty-product reviews
- Used a transformer architecture for accurate sentiment classification
- Applied NLP techniques to improve text comprehension and classification performance

Hult Prize at KhCE Website | *React, TypeScript, Tailwind CSS*

[GitHub](#)

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

EDUCATION

Bachelor's in Computer Engineering

2021 - 2025

Khwopa College of Engineering (TU) | 74.62%

Bhaktapur, Nepal

NEB (+2)

2018 - 2020

United Academy | GPA: 3.23

Nepal

ACHIEVEMENTS & ACTIVITIES

- **AI Track Winner** — Semicolon Hackathon, in collaboration with Major League Hacking (2024)
- **Semi-finalist** — Hult Prize at IOE Pulchowk (2022/2023)
- **Software Fellowship** — LOCUS 2025, IOE Pulchowk
- **Participant** — Project Digital SHE: “Strengthening Her Digital Equality”, organized by Miss-Tech / Robotics Association of Nepal