

Sara Joshi

Kathmandu, Nepal

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LinkedIn

GitHub

Portfolio

Education

Bachelor of Information Technology (BIT)

Tribhuvan University

Expected 2026

GPA: 3.54 | Merit Scholar & Semester Topper

Technical Skills

Languages: Python, JavaScript, SQL, HTML5, CSS3

Frameworks: Django, Django REST Framework, React.js, Next.js

Databases: PostgreSQL, SQLite, Redis

Tools: Git, GitHub, Docker, Postman, Vercel, VS Code

AI/ML: Scikit-learn, Pandas, NLP, Recommendation Systems

Projects

Medi: AI-Powered Hospital Management System | Django, DRF, Next.js, Scikit-learn, Celery, Redis, PostgreSQL

2025

- Designed and implemented REST APIs for role-based access control, appointment scheduling, and medical record management.
- Trained a Decision Tree classification model achieving 97% accuracy in heart disease prediction.
- Integrated LLM-based report analysis with Celery and Redis for asynchronous text processing.

ReadKin: Social Book Tracker | Python, Django, FastAPI, React, PostgreSQL, Scikit-learn, LLM Pipelines

2026

- Developed a social book-tracking platform for reading history, discovery, recommendations, and social activity.
- Implemented content-based and collaborative recommendation approaches using users' reading history and preferences.
- Built LLM-powered features for book information extraction and personalized recommendations.

Work Experience

Human Rights Defenders Forum

Freelance Full-Stack Developer

2026

Remote

- Developed the organization's website using Django, Python, React, JavaScript, HTML, and CSS.
- Collaborated with stakeholders to translate requirements into website features and functionality.
- Designed responsive interfaces and refining features based on stakeholder feedback.

Illuminati Tech Solutions

Software Developer & Researcher Trainee

Jun 2026 – Aug 2026

- Contributed to IdeaMandu, Illuminati.org, and Question Info Nepal across design, testing, React tasks, and research.
- Designed the IdeaMandu interface and performed testing and quality checks across web projects.
- Conducted news research and content preparation for Question Info Nepal.

AI Language Data Contributor

Freelance

2024

Remote

- Completed 50+ language data tasks in Nepali and English with a 98% accuracy rating.
- Validated and corrected language datasets to support NLP model training and evaluation.

Leadership

Microsoft Learn Student Ambassador

Student Ambassador

Oct 2024 – Present

- Facilitated technical workshops on AI/ML for 150+ students; co-organized GitHub Copilot Dev Days for 30 attendees.

Youth Advisory Leadership Council

Lead Facilitator

Mar 2024 – Apr 2025

- Facilitated leadership and educational programs across 5 secondary schools over an 8-month period.

Code for Change Tech Conclave

Organizing Team Member

2023 – 2024

- Supported planning and execution of a national technology conclave, coordinating participant engagement and event logistics.