

Simran Mahat

Computer Engineer

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Highly organized and proactive student with excellent communication skills and a strong work ethic. Proven ability to work well in team environments and collaborate effectively with peers.

EXPERIENCE

ADVANCE AI DATA TRAINER

INVISIBLE TECHNOLOGIES

Aug, 2024 - Oct, 2024

- Worked as an advanced AI data trainer at Invisible Technologies, specializing in reinforcement learning from human feedback (RLHF).
- Acquired and applied prompt engineering basics to optimize AI model interactions.

DATA SCIENCE INTERN

PRODIGY INFOTECH

Dec, 2023 - Jan, 2024

Completed 1 month virtual internship in data science

- Performed data cleaning and exploratory data analysis (EDA) on a dataset
- Analyzed global age and gender trends using The World Bank dataset

EDUCATION

BACHELORS IN COMPUTER ENGINEERING

Dulikhel

KATHMANDU UNIVERSITY

HIGH SCHOOL

Lalitpur

PRASADI ACADEMY

Aug, 2018 - Mar, 2020

GRADE:3.64/4.0 CGPA

College Perfect – Awarded for two consecutive years.

Outstanding academic performance above 90% of the batch

NEB

Lalitpur

VVM SCHOOL

Sep, 2005 - Dec, 2017

GRADE:3.85/4.0 CGPA

Secured above 90% in the batch, ranking top student as school perfect

PROJECTS

TRY IT ON (AR/VR)

- Developed an eCommerce web app as a hackfest project, providing a virtual platform for online shopping.
- Incorporated features that allow users to visualize glass, earrings, and pieces of jewelry virtually, enhancing the online shopping experience.

Tools Used: MERN(MongoDB,Express,React,Node.js),Tensorflow.[Link](#)

MEDICAL DATA ANALYZER (ML)

- Annotated 1,000+ medical records, identifying key entities using custom NER models built with spaCy.
- Automated the recognition of critical medical entities, converting unstructured data into structured formats for analysis.
- Enhanced data organization and retrieval, improving downstream analytics and decision-making.

Tools Used: Python, spaCy, ML, MERN [Link](#)

EDWING

- Created a student-focused browser to facilitate undistracted learning.
- Integrated essential extensions like [Focus time, and PDF converter].

- Prioritized a clean, minimal interface and smooth functionality for an optimal learning environment.

Tools Used: HTML, CSS, Javascript, Python, Django [Link](#)

RIDIFY(GROUP PROJECT)

- Designed and developed a riding mobile app incorporating rental features for convenience and accessibility.

Tools Used: Flutter, Firebase, [Link](#)

TRAINING/CERTIFICATIONS

Associate Data Engineer In SQL	2025
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Datacamp

Intermediate SQL	2024
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Datacamp

Understanding of Data Science	2024
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Datacamp

Research Paper Writing	2024
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Kathmandu University

Completed a 3-day workshop led by professors, focusing on research paper writing techniques using LaTeX, Mendeley, and Zotero

Understanding Data Warehouse and Data Modeling	2024
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DataCamp

AWARDS

NEPAL ARMY WELFARE BOARD TOPPER	Kathmandu
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Nepal Army

2019

Awarded for academic excellence among half a million appeared candidates.

SKILLS

HTML/CSS, Mobile app development (Flutter), Firebase, Git/Github, C,C++ ,Python, Data analysis and Visualization,

LANGUAGE

Nepali, English