

# Curriculum Vitae

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## Nikal Prajapati

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## Profile Summary

Final-year Bachelor of Computer Science (Hons) student at International Institute of Management and Science, Nepal. Consistently recognized on the Dean's List for academic excellence. Experienced in web development, AI-based recommendation systems, and database management, with professional growth from Intern to Digital Marketing Associate. Completed MERN Stack training and developed impactful projects including a Two-Wheeler Rental Recommendation System and a Library Management System. Passionate about pursuing research in Artificial Intelligence, Data Science, and Human-Computer Interaction, and eager to contribute to innovative research through a Master's scholarship.

## Research Interests

- Artificial Intelligence & Machine Learning
- Human-Computer Interaction (HCI)
- Data Science & Recommendation Systems
- Web and Database Technologies (MERN, Cloud Computing)

## Education

Bachelor of Computer Science (Hons)

International Institute of Management and Science (Present) – Kathmandu, Nepal

Expected Graduation: 2025

- Dean's List (multiple semesters) for academic excellence.
- Capstone Project: Two-Wheeler Rental Management and Recommendation System
  - Developed with React.js, Node.js, MongoDB, Flask (Python).
  - Applied AI models: TF-IDF, Cosine Similarity, KNN, Linear Regression.
  - Improved booking efficiency and personalization.
- Group Project: Library Management System
  - Built using PHP, MySQL, MongoDB.
  - Modules: cataloguing, user management, issue/return tracking.
  - Integrated authentication and DB operations.

+2 (Science)

Khwap Secondary English School – Bhaktapur, Nepal

2020–2022

## Professional Experience

Digital Marketing Associate – Clinic One, Jawalakhel (Nov 2024 – May 2025)

- Promoted after internship for outstanding performance.
- Managed campaigns, analytics, and strategy.
- Coordinated with teams for outreach and growth.

Digital Marketing Intern – Clinic One, Jawalakhel (Jun 2024 – Aug 2024)

- Managed posts/campaigns via Facebook Meta and Google Business.
- Created digital content using Canva & Photoshop.
- Implemented and managed digital media.

## Certifications & Training

- MERN Stack Development (4-week Training)
- Digital Marketing Training – Clinic One

## Technical Skills

- Programming: Python, Java, PHP, C, JavaScript
- Databases: MySQL, MongoDB
- Web Development: MERN (MongoDB, Express.js, React.js, Node.js), HTML5, CSS3, Bootstrap
- AI/ML Tools: Flask, Scikit-learn, Pandas, NumPy
- Tools: GitHub, Canva, Photoshop

## Soft Skills

- Leadership & Teamwork
- Analytical & Problem-Solving
- Communication & Adaptability
- Creativity & Self-Motivation

## Awards & Achievements

- Dean's List – Academic Excellence (multiple semesters, 2022–2024)

## Languages

- English – Professional Proficiency
- Nepali – Native Proficiency
- Hindi – Working Proficiency