

Tikaharu Sharma

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EDUCATION

University of Florida

Gainesville, FL

Master of Science in Computer and Information Sciences

Aug. 2025 – Dec. 2026 (expected)

Courses: Analysis of Algorithms, Advanced Data Structures, Math for Intelligent Systems

Pulchowk Campus, Tribhuvan University

Kathmandu, Nepal

Bachelor of Engineering in Computer Engineering

Nov. 2019 – Apr. 2024

EXPERIENCE

Associate Web Developer

Apr. 2024 – Sep. 2024

Danphe Software Labs

Kathmandu, Nepal

- Collaborated with senior developers to deliver responsive front-end features in ReactJS, improving user retention on client platforms.
- Revamped the company's official website, modernizing UI and optimizing performance, which led to a 25% increase in site visits within three months.
- Designed and implemented a custom interactive survey feature for an e-commerce platform, increasing customer feedback response rates by almost 30%.

Project Lead / Founder

Nov. 2023 – Mar. 2024

Hire Nepal

Kathmandu, Nepal

- Interviewed 15+ hiring managers and CEOs from leading Nepali companies to analyze recruitment workflows and identify inefficiencies.
- Led a team of 3 developers in building a scalable job portal with integrated recommendation and ranking features.
- Designed an ML/NLP-powered Applicant Ranking and Recommendation System, decreasing recruiter shortlisting time by 60% and reducing job search time for users through tailored recommendations.

PROJECTS

Hire Nepal – CV Analyzer & Applicant Ranking — [GitHub](#)

Nov. 2023 – Mar. 2024

- Tech:** Python, Django REST, React, scikit-learn, SpaCy, NLP
- Built a CV Analyzer to parse resumes (PDF/Docx) and extract structured fields such as skills, education, and work experience.
- Implemented an Applicant Ranking System that matched candidate resumes with job descriptions, achieving 85% accuracy compared to recruiter evaluations.
- Designed a recommendation engine that reduced user job search time by 40% through personalized listings and relevance-based ranking.

Fashion Recommendation System — [GitHub](#)

2023

- Tech:** Python, TensorFlow, Keras, ResNet50
- Designed a recommendation engine leveraging ResNet50 for visual similarity analysis of fashion images.
- Achieved 92% top-5 accuracy on the test dataset, ensuring reliable item suggestions.

Sorting Algorithm Visualizer — [GitHub](#)

2021

- Tech:** React, JavaScript
- Built an interactive web app to visualize sorting algorithms including QuickSort, MergeSort, etc.

TECHNICAL SKILLS

Languages: Javascript, Python, C/C++

Frameworks: React, Node.js, Django REST, TensorFlow, Keras, scikit-learn

Libraries/Databases: Pandas, NumPy, SQL, MongoDB, Matplotlib, OpenCV

RELEVANT COURSEWORK

Machine Learning Specialization [Coursera](#)

Artificial Intelligence – Samsung Innovation Campus

Coding & Programming – Samsung Innovation Campus