Tikaharu Sharma

+1-352-562-3992 | tgaire13@gmail.com | linkedin | tikaharusharma.com.np

EDUCATION

University of Florida — Gainesville,FL
Master of Science in Computer and Information Sciences — *Aug. 2025 – May 2027 (expected)*

Pulchowk Campus, Tribhuvan University — Kathmandu, Nepal
Bachelor of Engineering in Computer Engineering — *Nov. 2019 – April 2024*

EXPERIENCE

Associate Web Developer — April 2024 – September 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 — November 2023 – March 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 — November 2023 – March 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