

TIKAHARU SHARMA

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EDUCATION

B.E.	Bachelor of Engineering in Computer Science Pulchowk Campus, Tribhuvan University (TU), Nepal Score: 82.20% - IOE entrance rank 32 out of 12000, secured a full scholarship	2019 – 2024
High School	St. Xavier's College Maitighar, Kathmandu, Nepal Grade: 3.75	2017 – 2019
SEE	Little Angel's School Grade: 3.8	2017

PROFESSIONAL EXPERIENCE

Associate Developer **04/2024 – 09/2024**

Danphe Software Labs, Kathmandu, Nepal

- Completed a 3-month internship followed by a full-time role as a front-end developer, working with ReactJS.
- Improved chat app functionality, increasing user engagement and performance.
- Designed and implemented a custom interactive survey for an e-commerce platform, optimizing customer feedback collection.

PROJECTS

Hire Nepal - Job Portal Website

- Provides job listings, recommendations, and tools for building resumes and cover letters to assist users in finding job opportunities.
- Implemented an NLP-powered Applicant Ranking System to parse resume PDFs and rank candidates based on job description relevance.
- Utilized Django REST, React, NLP, Spacy, and Scikit-Learn to develop the system.

Fashion Recommendation System

- Designed a Deep Learning-based Fashion Recommendation System leveraging the ResNet50 architecture for visual similarity-based recommendations.
- Used a robust model to analyze fashion images and suggest visually similar items.

Sorting Visualizer

- Created a web application using React to visualize various sorting algorithms.
- Implemented reusable React components for user-friendly algorithm visualizations.
- Utilized React and Sorting Algorithms for the development.

RESEARCH PAPER

Automated Resume Screening and Applicant Ranking System for a Job Description

- Developed a resume parser capable of extracting key information such as education, experience, and skills using NER, regex, and sentence transformers, achieving high precision in applicant ranking.
- Demonstrated the system's efficacy in correlating with expert rankings, achieving 80% precision for the top 5 and 10 ranked applicants, improving the efficiency and accuracy of candidate selection.
- Currently under review.

RELEVANT COURSES

- Machine Learning Specialization - Coursera [\[Link\]](#)
- Artificial Intelligence Course - Samsung Innovation Campus
- Coding & Programming Course - Samsung Innovation Campus

TECHNICAL SKILLS

Programming Languages: Javascript, Python, C++, C

Frameworks: React, Django, Pandas, Scikit-learn, Tensorflow, Keras, Bootstrap

Databases: SQL, MongoDB