Raghwendra Kumar Mahato

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Date of birth: 10 Oct 1986

Place of birth: Sarlahi, Nepal

Nationality: Nepalese

CONTACT

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ABOUT ME

Telecom management professional transitioning into Data Science and AI/ML, with strong focus on Computer Vision. Skilled in Python, Machine Learning, Deep Learning, and Data Analysis with proven project experience in building and deploying AI-driven solutions. Seeking opportunities as a Computer Vision / AI-ML Engineer to apply technical expertise for impactful real-world applications.

WORK EXPERIENCE

International Business Network Lalitpur, Nepal

Head of Technical Department
6 Nov 2022 – Current
- Managing Telecom Project
- Configuring Microwave radios, finding faults in radios
- Assisting field Engineers

Sirpi Technologies Bengaluru, India

Data Science Engineer
5 Jul 2022 – 31 Mar 2023
- Development of software using R
- Client meeting

Skipper Paradise JV Kathmandu, Nepal

Project manager
21 Oct 2019 – 28 Feb 2021
- Relations with suppliers
- Managing telecom field activities and reporting to client

International Business Network Lalitpur, Nepal

Sr. Engineer
1 Jun 2016 – 14 Jul 2017
- Operation and maintenance of telecom equipment
- Operation and maintenance of office IT infrastructure
- Maintain relations with clients

Huawei Technologies Lalitpur, Nepal

Transmission Engineer
25 May 2015 – 27 May 2016
- Project coordinator

ZamilInfra Private Limited Lalitpur, Nepal

Telecom Engineer
23 Nov 2011 – 24 May 2015
- Maintenance of telecom equipment

Vector Group Pvt. Ltd. Lalitpur, Nepal

Assistant Engineer
1 Nov 2010 – 15 Nov 2011
- Assisting in engineering drawings, documentations
- Computer networks

EDUCATION AND TRAINING

1 FEB 2021 – 1 APR 2021 Bengaluru, India

Certified Data Science Certification Training DataMites

Website https://datamites.com/ | **Field of study** Data Science

1 OCT 2006 – 30 JUN 2011 Kathmandu, Nepal

Bachelor of Electronics and Communication Engineering Purbanchal University

Website https://purbanchaluniversity.edu.np/ | **Field of study** Electronics and automation

SKILLS

machine learning | deep learning | COMPUTER VISION | Transfer Learning | GITHub | Web: Streamlit, Flask, Django, Bootstrap | Torch, Keras, Tensorflow, Matplotlib, Numpy, Scikit-learn | Practical experience using U-net & mobilenet architectures (CNNs) | Python (NumPy, Pandas, NLTK, Matplotlib, sklearn, TensorFlow) | computer vision | Python (computer programming)

PROJECTS

• Heart Disease Prediction

· Built ML models (Logistic Regression, SVM, Random Forest, XGBoost, ANN) on UCI dataset.
. Identified patients at risk of heart disease; Random Forest achieved best accuracy with minimized false negatives.

• Potato Disease Classification

·Developed CNN-based classifier (TensorFlow/Keras) using PlantVillage dataset.
·Applied data augmentation + transfer learning; achieved strong accuracy to support farmers.

• Real-Time Face Mask Detection

·Implemented CNN + ResNet50 with OpenCV for live video streams.
. Deployed on Streamlit Cloud; enabled real-time monitoring with high accuracy.