

ANUJ POKHAREL

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EDUCATION

St.Xavier College

MAITIGHAR, KATHMANDU, NEPAL

School Leaving Certificate(Plus Two)

2016 – 2018

Kathford Engineering College(Tribhuvan University)

BALKUMARI, LALITPUR, NEPAL

Bachelor of Computer Engineering

2019 – 2024

Relevant Coursework: C/C++, Artificial Intelligence, Database Management, Digital logic, CCNA, Numerical Methods, Project Management, Electronics Device and circuit, Electric Circuit Theory

PROJECTS

- **Major Project on Fake Notes Detection Using Convolution Neural Network(2023):**
Led a team of 3 engineers to develop an AI-driven application for Detection of Fake Currency Notes using CNN algorithm. Responsible for team coordination, data collection, data preprocessing, and model Development , model implementation and fine-tuning using TensorFlow, Matplotlib, and NumPy. Conducted model building and experimentation in Collab, evaluating performance through metrics such as accuracy, precision.
 - **Diabetes detection system app using Random Forest Classifier(2022):**
using Random Forest Classifier we have done project or web app to detect whether the person is affected by diabetes or not using different parameter like Age ,Sex,PH value of blood,pregnancy,Glucose etc
 - **Weekly Hospitalized Cases Forecasting App(2024):**
This is independent project done to get practical Experience of React,Node j's along with integration of ML model on back-end ,Front end is done using React J's. I have done model training and model development using Random Forest Regression on collab.Front end is deployed on Vercel and Back end is deployed on Random with connection to each other .
 - **Portfolio development(2024) :**
It is personal portfolio website made by using React J's with interactive and Dynamic Designing,Bootstrap is used.
 - **Comparison of Different Regression Model and Neural Network (2022)**
I have compared different model for having same dataset for all the model.Compared Model are Random Forest,Support Vector,Linear Regression,CNN,ARIMA,ARM,LSTM,TransFormer,TCN,XGBoost etc
 - **Spam Message Detection System(2024)**
It is personal independent project to gain practical experience of use of AI in cybersecurity Field .Data pre-process,ModelDevelopment,Model Implementation.Especially,I have used transformer for text Classification.
 - **Nepali To English Translator(2024)**
I have made simple project using LSTM and Natural Language ToolKit(Nltk) where Nepali Language is translated to English
 - **Kankai River Water Level Forecasting (2025)**
I have use VAR and SARIMA model to forecast Water Level of Kankai River using or considering Water Level at Deumai and Mai Khola
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SKILLS

Technical specialties:

- Programming Language- C#, Python
- HTML,CSS,JavaScript
- React J's,Node J's,Flask,Fast Api
- SQL,MySQL,MongoDB
- Tools- Git
- Libraries- TensorFlow, NumPy, Pandas, Seaborn, Matplotlib, OpenCV, scikit-learn
- AI/ML-Model Development,Neural Network

Non-Technical skills:

- Attention to Details
 - Self- Learner
 - Fast Learner
 - Problem-solving skills
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CERTIFICATIONS

- **Coursera** : Front-End Development Course using React j's
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WORK EXPERIENCE

Samman Consulting Firm - Data Analyst

JUN 2024 – AUG 2024

Real Time Solution Pvt Ltd - Machine Learning Engineer(internship)

DEC 2024 – FEB 2025