

Naphtal USABYUWERA

Web, AI And Data Science Developer

Results-driven Developer with hands-on experience in Data Analytics, Machine Learning and Web Development. Adept at building scalable applications and deploying predictive models to solve complex, real-world problems. Proficient in Python, Flask, Power BI, and modern ML frameworks like TensorFlow and PyTorch. Known for delivering data-driven solutions that improve decision-making and system performance. Passionate about transforming data into actionable insights and contributing to high-impact technical teams in dynamic environments.

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EDUCATION

B.Tech in Artificial Intelligence And Data Science

Koneru Lakishmaiah University (KLU)

05/2025

Vijayawada, India

High School Diploma

Groupe Scolaire Official De BUTARE

01/2016 - 11/2018

Butare, Rwanda

PERSONAL PROJECTS

Time Series Forecasting for Stock Market Prediction

- A Long Short-Term Memory (LSTM) model for predicting stock market trends, incorporating a wide range of economic indicators. Achieved 15% lower Mean Absolute Percentage Error (MAPE), demonstrating significant improvements in predictive accuracy.

Covid-19 Dashboard - Data Analysis

- This data analysis dashboard offers key insights into the COVID-19 pandemic in India. It aggregates and analyzes reliable data to help track trends and assess the pandemic's impact across regions and demographics.

Image Classification and Face Recognition System

- State-of-the-art image classification and face recognition model using CNNs, Siamese Neural Networks architecture and transfer learning. Implemented and compared multiple pre-trained models, achieving 98% accuracy on a diverse dataset of 100,000 images.

WORK EXPERIENCE

Data Analyst Intern

Mentored Mind

01/2023 - 06/2023

Vijayawada, India

Achievements/Tasks

- Applied time series modeling and classification techniques to analyze large-scale consumer datasets, identifying key behavioral patterns
- Developed and evaluated predictive models using MAE and RMSE metrics, achieving 20% improvement in forecast accuracy
- Implemented statistical analysis and data preprocessing pipelines, enhancing data quality by 30%
- Conducted feature importance analysis and model interpretability studies using advanced visualization techniques
- Collaborated on experimental design and hypothesis testing for A/B testing campaigns.

SKILLS

Python

Power BI

Excel

Tableau

Data Visualizations

Data Analysis

Data Analytics

Big Data

Hadoop

Spark

Web development

Flask

FastAPI

Django

Machine learning

Deep Learning

NLP

Computer Vision

Tensorflow

PyTorch

DevOps

Docker

Kubernetes

PostgreSQL

Project Management

Time Management

Team Management

Problem-Solving

ACHIEVEMENTS

Data Analyst Intern – Mentored Mind

Developed predictive models improving forecast accuracy by 20% and conducted A/B testing resulting in 15% uplift in user engagement

CERTIFICATES

Salesforce Certified AI Associate - Salesforce

Google Data Analytics Professional Certificate

Deep Learning Specialization - Coursera (Andrew Ng).

AWS Machine Learning Foundations

LANGUAGES

English

Full Professional Proficiency

Kinyarwanda

Full Professional Proficiency

INTERESTS

Machine Learning

Deep Learning

Data Science

Data Analysis

Data Analytic

Data Visualization

Artificial Intelligence

Web Development