

# Porimol Chandro

## Machine Learning Engineer

As a Machine Learning practitioner played with a lot of tools and technologies. However, I would call my proficiency on the domain of Credit Risk Modelling, Time Series, Fraud Detection, Churn Prediction & End to End ML Platform Design.

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📍 Warszawa, Poland

🐙 [github.com/porimol](https://github.com/porimol)

## WORK EXPERIENCE

### Machine Learning Operation Engineer(MLOps)

Roche Polska

08/2022 - Present

Warsaw, Poland

Roche has consistently demonstrated a pioneering spirit in the healthcare sector, dedicating itself to enhancing the well-being of individuals since its inception.

#### Key Contribution

- Develop Internal CLI based on Kubeflow for internal Data Scientists and ML Engineers to accelerate Machine Learning Project development and deployment.
- Service Now NLP[Clustering ServiceNow data and generate analytical report of selected service groups].

### Machine Learning Engineer

bKash Limited. [🔗](#)

06/2019 - 07/2022

Dhaka, Bangladesh

bKash is one of the leading MFS Provider in the world.

#### Key Contributions

- Credit Risk Modelling
- Forecasting: Developed transaction forecasting model using LSTM and FB Prophet algorithm.
- Churn prediction: Preventing customer churn using GNN.
- Fraud predictive model: Develop tree based ensemble algorithms architecture with consideration of XAI/ExAI.
- Recommendation: Predict individual customer's likelihood usage of a particular service.
- Design Explainable & Interpretable ML Model
- End to End ML Platform: Architecture design and develop E2E ML platform.

### Data Engineer

EkkBaz. [🔗](#)

08/2017 - 05/2019

Dhaka, Bangladesh

#### Key Contributions

- Recommendation: B2B products recommendation system using Matrix factorization, ant colony optimization and network analysis.
- Forecasting: Develop B2B product sales forecasting model by FB Prophet and ARIMA algorithms.
- ETL: Implemented ETL(Extract, Transform and Load)

## EDUCATION

### B.Sc. in Computer Science & Engineering

World University of Bangladesh(WUB)

05/2015 - 07/2018

Dhaka, Bangladesh

## SKILLS

Python	TensorFlow
PyTorch	Flask
FastAPI	Scikit-learn
Pandas	Numpy
Matplotlib	Seaborn
MLOps	Airflow
MLFlow	PostgreSQL
Git	

## ACHIEVEMENTS

### Robi Datathon 2019 Awarded (04/2019)

Won The Best Data Engineer Prize in Individual The Best Performer Category Robi Datathon 2019, organised by Robi Axiata Ltd. and supported by Axiata Analytics, Datathon Bangladesh 2019 is Bangladesh's first and biggest datathon revolving around the role of Big Data and Machine Learning in solving business problems.

### Research Experience (12/2018)

Chandro, Porimol, et al. "Automated Bengali Document Summarization by Collaborating Individual Word & Sentence Scoring." 2018 21st International Conference of Computer and Information Technology (ICCI). IEEE, 2018. DOI: 10.1109/ICCITECHN.2018.8631926.

## PERSONAL PROJECTS

### Country Info (09/2019 - 09/2019) [🔗](#)

Country Information is a python package for getting information about countries, ISO info, states/provinces and some others information.

### Bengali Document Summarizer (05/2018 - 05/2018) [🔗](#)

Bengali Document Summarizer is a research work of my undergraduate's thesis. The research work is a extraction based Bengali single document summarizer.

## LANGUAGES

English  
Full Professional Proficiency

Bengali  
Native or Bilingual Proficiency