MOHAMMED NIYAZ BIN HASHEM

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EXPERIENCE

Machine Learning Engineer
SOCAR MOBILITY MALAYSIA SDN. BHD.

📅 Sep 26, 2022 – Present 📍 Kuala Lumpur, Malaysia

- Implemented an automated Machine Learning-based eKYC system, reducing manual processing time from 12 mins to <2 mins, resulting in monthly savings of $6000. Enhanced efficiency and accuracy in KYC verification.

MLOps Engineer
AlterSense Limited

📅 Jan 2, 2022 – Present 📍 Tejgaon, Dhaka

- Designed and implemented data pipelines and productionized machine learning projects tailored for the RMG (Ready-Made Garments) sector.

Data & Platform Service Specialist Engineer
Banglalink

📅 Apr 1, 2021 – Aug 31, 2021 📍 Tiger's Den, Dhaka

- Successfully automated the employee exit notification process, seamlessly synchronized with the company's Active Directory, and streamlining data management and ensuring compliance with privacy regulations.

Software Engineer
BYSL Global Technology Limited

📅 Nov 1, 2020 – 25 Feb, 2021 📍 Baridhara, Dhaka

- Crafted and deployed a comprehensive cloud infrastructure in AWS for "ILLIYEEN" leveraging diverse services to ensure robust and scalable operations.

Machine Learning Engineer
NybSys

📅 Oct 2019 – Sep 2020 📍 Mirpur, Dhaka

- Engineered a state-of-the-art real-time face recognition attendance system integrated with integrated time management capabilities, optimizing workforce tracking and streamlining attendance procedures.

Project Team Lead
BRAC – Bracathon 3.0 Project (Contract)

📅 Nov 2019 – Sep 2020 📍 Mohakhali, Dhaka

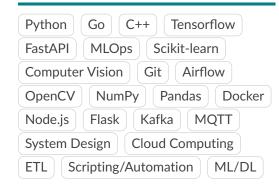- Designed and developed a web based document search engine for BRAC Technology.

EDUCATION

B.Sc in CSE
North South University

📅 January 2015 – May 2020

SKILLS

Python Go C++ Tensorflow
FastAPI MLOps Scikit-learn
Computer Vision Git Airflow
OpenCV NumPy Pandas Docker
Node.js Flask Kafka MQTT
System Design Cloud Computing
ETL Scripting/Automation ML/DL

ACHIEVEMENTS

- Top 30 | 'ADL AI Summit Hackathon' organized by Axiata Digital Labs – 2021
- Champion | 'Bracathon 3.0' organized by BRAC – 2019
- Top 80 Participants | 'Datathon' organized by Robi – 2019
- Top 3 | NSU Mobile App Development Hackathon – 2018

RESEARCH & PUBLICATIONS

- Violence Detection by Pretrained Modules with different Deep Learning approaches - https://bit.ly/2L54NhV
- Towards Generalized Violence Detection; a Pose Estimation Approach - https://bit.ly/3vkb6og
- Bangla Sign Language Interpreter using Convolutional Neural Network

CERTIFICATIONS

- Machine Learning in Production - Coursera
- TensorFlow: Data Deployment Specialization - Coursera
- TensorFlow in Practice Specialization - Coursera
- Neural Networks and Deep Learning - Coursera
- Improving Deep Neural Networks Hyperparameter tuning, Regularization & Optimization - Coursera
- Python for Data Science - Coursera
- Data Analysis with Python - Coursera
- Google Cloud Platform Big Data and Machine Learning - Coursera