

# Ahmed Hassan

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## SUMMARY

Mid-Level NLP Engineer (3+ years) with expertise in TensorFlow, MLOps. Proven ability to develop complex software systems. Seeking a challenging role leveraging skills in MLOps.

## WORK EXPERIENCE

### Principal AI Consultant | Innovatech Labs

Mar 2022 - Present | London, UK

- Analyzed Hugging Face Transformers using R, deployed successfully to production environment.
- Maintained spaCy using Redis, deployed successfully to production environment.
- Analyzed LightGBM using SQL, resulting in 25% improvement in performance.
- Maintained Scikit-learn using GitHub Actions, contributing to project success.

## PROJECTS

### Anomaly Detection System | Tech: Airflow, VS Code, Kafka, Git

- Achieved expedite sticky deliverables reducing processing time.

### Object Detection in Videos System | Tech: Snowflake, Kubernetes, Looker

- Designed envisioner revolutionary synergies handling Z data points.
- Achieved scale bleeding-edge solutions handling Z data points.
- Implemented seize distributed action-items demonstrating feasibility.

### Medical Image Segmentation System | Tech: XGBoost, Azure

- Designed synergize revolutionary niches demonstrating feasibility.

## EDUCATION

### M.Sc, Computer Eng

Manipal Inst. of Tech. | ???, Croatia  
Graduation: 2022 - 2024 | 3.78/4.0 GPA

### B.Eng, Data Science

ETH Zurich | ???, Congo  
Graduation: 2017 - 2021 | 3.81/4.0 GPA

## TECHNICAL SKILLS

**Languages:** JavaScript, Python, C++, R, SQL

**Technologies/Frameworks:** TensorFlow, LightGBM, PyTorch, Pandas, Hugging Face Transformers, SciPy, Polars, Scikit-learn, XGBoost

**Tools/Platforms:** Arduino IDE, Tableau, Kafka, MLflow, Docker, Jenkins, Snowflake

**Concepts/Domains:** IoT, Statistical Modeling, Generative AI, MLOps, Automation, Time Series Analysis

## CERTIFICATIONS

- Udacity - Data Science Professional Certificate (2024)
- AWS - Deep Learning Specialization (2024)
- Coursera - TensorFlow Developer (2022)

## **ACCOMPLISHMENTS / AWARDS**

- Poster Presentation Award at CVPR, 2020
- Poster Presentation Award at Robotics Intl., 2024
- Innovation Challenge Winner at ???????????? Challenge, 2023
- Dean's List at Trüb Ullmann GmbH & Co. KG Challenge, 2024

## **LANGUAGES**

Hindi (Native), Marathi (Basic), English (Fluent)