

# Mohammed Osman Mahmoud Bahageel

**Mobile:** +966594712324

**Email:** m.bahageel88@gmail.com

**LinkedIn:** [My Profile](#)

**Date of Birth:** April 7, 1988

## Professional Summary

Experienced data science professional with over 5 years of expertise in artificial intelligence, machine learning, and data analytics. Skilled in building AI-based applications and systems to transform businesses, leveraging Python, JavaScript, Julia, and Scala programming languages. Proficient in TensorFlow and PyTorch frameworks for developing and training robust neural networks. Strong background in front-end development for data visualization, enabling effective communication of insights to stakeholders. Proven track record of driving innovation and delivering actionable insights to optimize business strategies. Committed to continuous learning and staying abreast of emerging technologies in the dynamic field of data science.

## Work Experience

### Artificial Intelligence Developer

*Doctor Samir Abbas Hospital, KSA*

*July 2024 – Present*

- Developed AI-based applications to improve healthcare services.
- Implemented machine learning models for predictive analytics.
- Built and developed Artificial Neural Networks (ANNs) for medical images to enhance diagnostics.
- Created AI-based mobile applications with Flutter to assist both doctors and patients.
- Developed conversational AI agents based on Retrieval-Augmented Generation (RAG).

### Data Analyst

*Doctor Samir Abbas Hospital, KSA*

*July 2023 – July 2024*

- Analyzed healthcare data to provide actionable insights.
- Created data visualizations to communicate findings to stakeholders.

## **Data Analyst**

*Abha International Private Hospital, KSA*

*July 2021 – July 2023*

- Conducted data analysis to support hospital operations.
- Developed dashboards for real-time data monitoring.

## **Data Scientist**

*Steelcad Company, KSA*

*Feb 2020 – June 2021*

- Built and deployed machine learning models for industrial applications.
- Collaborated with engineering teams to integrate AI solutions.

## **Data and Business Analyst**

*GSK Advanced Business, Sudan*

*January 2018 – January 2020*

- Performed business analysis to support strategic decision-making.
- Utilized data analytics to improve business processes.

## **Education**

### **Master's Degree in Business Administration (MBA)**

School of Management Studies, University Of Khartoum

*Jan 2016 – Dec 2017*

### **Bachelor's Degree in Computer Science**

Sudan University of Science & Technology

*June 2007 – Dec 2011*

## **Training Programs**

1. IBM Certified Professional Data Scientist - Dec 2022
2. DeepLearning.AI TensorFlow Professional Developer Certificate - Mar 2023
3. Google Advanced Data Analytics Certificate - Apr 2023
4. Johns Hopkins University Web Development - Jun 2023
5. Cape Town University Julia Scientific Programming - May 2023
6. United States Artificial Intelligence Institute USAII - Jul 2023 to Dec 2023

## Certifications

**Certified Artificial Intelligence Scientist (CAIS)** – United States Artificial Intelligence Institute

*Jul 2023 to Dec 2023*   [Link to the Certification](#)

## Projects

1. **Medical Transcription Application** – [GitHub Link](#)
2. **Doctor AI Assistant Based on RAG** – [GitHub Link](#)
3. **Deep Artificial Neural Networks with TensorFlow and Keras** – [GitHub Link](#)
4. **Twitter Sentiment Analysis** – [GitHub Link](#)

## Technical Skills

1. Python Programming Language
2. Machine Learning & Deep Learning (Sklearn & TensorFlow)
3. Frontend Development with React JS
4. Backend Development with Flask (APIs)

## Functional Skills

1. Problem-Solving
2. Teamwork
3. Communication
4. Project Management
5. Analytical Thinking
6. Innovation
7. Time Management
8. Leadership

## Languages

1. **Arabic** - Fluent
2. **English** - Fluent
3. **German** - Fluent
4. **French** - Fluent