

# MAZEN MOHAMED SIDDIG

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## IT Engineer - AI Developer

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Mazen Alqayser



mazen-alqayser

## PROFESSIONAL SUMMARY

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**AI & Software Development Specialist** with extensive experience in **end-to-end software engineering**, **cloud computing**, and **mobile app development**. Proven track record in building **intelligent chatbots**, **cross-platform applications**, and **enterprise systems** that enhance collaboration, automate workflows, and drive innovation. **Certified by IBM** (AI & Full-Stack Development) and **Meta** (React Native Mobile Development), with deep knowledge in **Generative AI**, **Machine Learning**, and **DevOps** (Docker, Kubernetes, CI/CD, Cloud Security). Skilled in **leading teams**, delivering **scalable solutions**, and applying **Agile** and **DevSecOps** methodologies to ensure efficiency, reliability, and security. Experienced in collaborating with **NGOs** and **international companies** to develop impactful technology platforms that solve real-world challenges.

## TECHNICAL SKILLS

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### Programming Languages & Frameworks:

Python, PHP, JavaScript (ES6+), HTML5, CSS3, SQL, React Native, Django, Flask, Tailwind CSS

### AI & Machine Learning:

Generative AI, LLMs, Machine Learning (Basics), AI Chatbot Development

### Cloud & DevOps:

Docker, Kubernetes, CI/CD, Cloud Security, DevSecOps, IBM Cloud

### Databases:

SQL, NoSQL

## Tools & Platforms:

Git, GitHub, Version Control, Canva, Video Editing, E-commerce Platforms

## Networking & IT:

Remote Access, CCNA (Beginner), ICDL, Computer & Network Administration

## EDUCATION

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### Bachelor of (Honours) in Information Technology

Future University, Khartoum, Sudan

### Professional Certificates

- Professional Certificate in Artificial Intelligence Developer | IBM
- Full-Stack Software Developer Professional Certification | IBM
- Meta React Native Mobile Developer Certification | Meta

## PROJECTS

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- **AI Chatbot – TDH Assistant Community Platform**

*Developed for Terre des hommes to assist community members.*

- **Jinja 1 Full Accounting App**

*A personal project for comprehensive accounting management.*

- **Work Hub App**

*An original project designed to enhance collaboration and workflow management.*

- **Air-Ticket-Reservation System**

*A university project demonstrating system design and development skills.*

- **Online Sweets Store**

*A university e-commerce project.*

## CERTIFICATIONS & BADGES

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- IBM Full-Stack Developer (15 Certificates)
- IBM AI Developer (10 Certificates)
- IBM AI Developer Badge

- React Native and Mobile Developer | Meta
- Software Developer Reference | IBM
- Supervisor | Aldahab Company
- Build a Mobile App with Google Sheets | Glide

## ORGANIZATIONS

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- **Terre des Hommes**

*Volunteer – ICDL Course Instructor*

- **Samarat**

*Volunteer*

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