# **MAZEN MOHAMED SIDDIG**

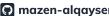


# IT Engineer - Al Developer

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# PROFESSIONAL SUMMARY

Al & 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

# **Programming & Frameworks:**

Python, PHP, JavaScript (ES6+), HTML5, CSS3, SQL, React.js, React Native, Django, Flask, Tailwind CSS, Redux, Node.js, WordPress, Bootstrap, RESTful API, Full-Stack Development, Front-End, Back-End.

#### Cloud & DevOps:

Docker, Kubernetes, CI/CD, DevSecOps, Cloud Computing, Containerization, Microservices, Serverless, IBM Cloud, PaaS, API Gateway, SOA, Istio, OpenShift, Hybrid Cloud, Cloud Security, IAM.

#### **Mobile Development:**

Meta & Zain Certified, React Native, Cross-platform, Android, Kotlin, Swift, Google Glide.

#### **Tools & Collaboration:**

Git, GitHub, Version Control, Code Review, Software Testing, Functional Testing, Integration Testing, Unit Testing, Jest, Quality Assurance.

# **EDUCATION**

#### **Bachelor of (Honours) in Information Technology**

Future University

### **Professional Certificates**

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

# **PROJECTS**

- Al 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.

# AI & Machine Learning:

IBM Certified, Generative AI, LLMs, Machine Learning, AI/ML, Prompt Engineering, ChatGPT, OpenAI, Deep Learning, Natural Language Processing (NLP), Predictive Analytics, Data Structures, JSON, Object-Oriented Programming (OOP), Software Design Patterns.

#### **Databases:**

SQL, NoSQL, Firebase, Supabase, Relational Databases, DBMS, ORM.

#### **Networking & IT:**

Remote Access, CCNA (Beginner), ICDL, Computer & Network Administration, CLI, Linux, IDEs, Operating Systems, Virtual Environment.

#### **Professional Skills:**

Communication, Presentation, Negotiation, Agile Project Management, Project Management, SDLC Models, V-Model, Spiral, Big Bang, DevOps, ALM, Professional Networking.

# **CERTIFICATIONS & BADGES**

- 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**

- **Terre des Hommes:** Volunteer ICDL Course Instructor.
- **Samarat:** Volunteer.