



MOHAMMED SINAN

PERSONAL INFORMATION

Date of birth: 25/09/2001

Nationality: Indian

Driving License: Yes

LINKEDIN

[linkedin.com/in/mohammed-sinan](https://www.linkedin.com/in/mohammed-sinan)

EXPERIENCE

February 2024 - July 2024

Business Development Administrator/Associate - MS Chartered Accounting | Abu Dhabi (ADGM), UAE

- Supported the **Business Development** team with day-to-day tasks, helping them stay organized and efficient.
- Streamlined **data management** to make information more accessible and accurate.
- Conducted **market research** by pulling data from *ADGM* and creating reports that helped the team make informed decisions.
- Managed the **CRM system**, ensuring client details were always up to date and tracking BD activities.
- Handled **client communications**—answering calls, responding to emails, and setting up meetings to build and maintain strong relationships.

July 2022 - November 2022

Robotics / Artificial Intelligence Engineer - STEMA | Dubai, UAE

- **Led** a team to develop **robotics and AI projects** with *VEX Robots and Tello Drones*, managing everything from planning, work assignment, design and coding to execution and reporting.
- **Oversaw** projects involving *VEX V5, IQ*, and advanced bots like the *Arm Bot*, and researched **AI algorithms** for *drone tracking and recognition*.
- **Successfully delivered** multiple projects on schedule, gaining valuable *leadership experience* and sharpening my *problem-solving and technical skills*.

EDUCATION

2024

Certified Ethical Hacker (CEH) | Certification Training
RedTeam Hackers Academy, Dubai, UAE, UAE

2023

Bachelor of Science | Computer Science
The British University , Dubai, UAE, UAE
September 2019 - June 2023
Specializing in **Artificial Intelligence** and **Machine Learning**

2019

A-Levels | Mathematics, Physics, Chemistry
Islamiyah English School, Abu Dhabi, UAE
September 2017 - June 2019

2017

GCSEs
Islamiyah English School, Abu Dhabi, UAE

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SUMMARY

Dynamic and results-oriented individual with a strong background in **AI** and a strong passion for **cybersecurity**. *Adept at problem-solving* and collaborating effectively in **team environments**. Committed to *continuous learning* and eager to integrate **AI** into **innovative cybersecurity solutions**. Highly skilled in leveraging **cutting-edge technologies** to drive secure, efficient, and scalable systems.

SKILLS

Languages

- *Java*
- *Python*
- *HTML*
- *CSS*

Databases

- *MySQL*

Framework

- *ASP.NET*

Other Skills

- *MS Office (Word, PPT, Excel)*
- *Shell Scripting*
- *Vega-Lite*
- *Tableau*

PROJECTS






MRI BASED BRAIN TUMOR DETECTION AND CLASSIFICATION

- Developed *machine learning software* to detect and classify brain tumors from **MRI images**, aiding early diagnosis.
- Implemented a **CNN** with six main layers: *Input layer, EfficientNetB0 (237 layers), GlobalAveragePooling2D, Dropout, Dense, and Output.*
- Achieved **88.2% accuracy**, with strong **F1-score** (79.96%), **recall** (82.23%), and **precision** (86.73%).
- Conducted a *comparative analysis* with **Random Forest** (approx. 44% accuracy), highlighting the CNN's superior performance.
- Preprocessed **3,200 MRI images** with *NumPy, Label Encoding, and Data Augmentation (88:12 split).*
- Developed a **user-friendly GUI** for healthcare professionals to visualize results.

NEXT WORD PREDICTION WITH POST-SENTENCE NAMED ENTITY RECOGNITION (NER)

- Built a *predictive text model* to generate the next word in a sequence, incorporating **Named Entity Recognition (NER)** for better entity understanding.
- Used **Python**, with **spaCy** for *NER* and **NLTK** for *tokenization and preprocessing.*
- Applied **LSTM** to improve *real-time prediction accuracy*, while optimizing *data preprocessing* for seamless integration.

LANGUAGES

English:	C2	Malayalam:	C2
			
Proficient		Proficient	
Hindi:	C2	Arabic:	B2
			
Proficient		Upper Intermediate	
Tamil:	B1		
			
Intermediate			