

# Senior portfolio

Hammad Alajmi

# About Me

- Background: IT major with a Cybersecurity minor at Marymount University
- Personal Interests: Love building PCs, athletic and I like playing soccer.
- Motivation: Developed a passion for technology during COVID when I got gifted a PC then later decided to upgrade and build a newer one.
- Career Interests: software developer or security analyst as of now since it has cybersecurity and it protects digital systems

# Education

- IT Major, Cybersecurity Minor
- Expected Graduation: May 2026
- Events: SCSP: Special Competitive Studies Project
- Certifications: Cisco Certification, October 22<sup>nd</sup> 2024
  
- IT 489-A Capstone: My project was on (“Investigating Strategies for Securing Cloud based infrastructures and ensuring Compliance with industry Regulations and Standards”.
- IT 321-A Cloud Computing : Introduction on AWS, created a AWS powered resume.
- IT 357-A Malware Analysis : multiple labs using the virtual machine.
- IT 129- A Python: Also basic coding labs.
- IT 315 – A Operating systems and Virtualizations: learned about C programming (program language)
- IT 310 – A Data base technology: ( SQL and SQL project)

# Skills

- Basic Python coding ( taking advanced python next semester)
- Basics of C++
- Data base (SQL)
- Design (Mobile App design)
- AWS ( S3. object storage, amazon EC2( virtual servers)

# Professionalism

- So during my time at Marymount I have been developing professionalism skills. Including many things show here:
- Respect others and follow rules
- Think carefully to solve problems
- Be honest and admit mistakes: For example during my SQL project I forgot to add the screenshots to the PowerPoint.
- Pay attention to big ideas and small details
- Communicate clearly in writing and speaking
- Work well with others in teams
- Can work alone or with guidance
- Manage time and finish tasks on time
- Be creative when needed
- Find and use information when needed

# Projects

## Cloud computing AWS project ( not a group project)

The screenshot shows the AWS S3 landing page. At the top, there's a navigation bar with the AWS logo, a search bar, and various icons. Below the header, the title "Amazon S3" is displayed with the subtitle "Store and retrieve any amount of data from anywhere". A brief description follows, stating that S3 is an object storage service with industry-leading scalability, data availability, security, and performance. There are three main callout boxes: "Create a bucket" (with a "Create bucket" button), "Pricing" (with a note about no minimum fees and a link to the Simple Monthly Calculator), and "Resources" (with links to "User guide" and "API reference"). On the left, there's a "How it works" section featuring a video thumbnail titled "Introduction to Amazon S3 | Amazon Web Services" and a "Copy link" button.

The screenshot shows a LinkedIn profile for a user named Hammad. The profile includes a circular profile picture of a man with dark hair and a beard, wearing a brown t-shirt. Below the picture, the name "Hammad" is displayed in bold black text. Underneath the name, the email address "hammad@example.com" and phone number "(555) 123-4567" are listed. Further down, the LinkedIn URL "linkedin.com/in/hammad" and GitHub URL "github.com/hammad" are shown. A "Skills & Certifications" section lists the following: HTML5, CSS3, JavaScript (ES6+), React.js, Node.js, Express, RESTful APIs, Database Management: MySQL, MongoDB, AWS Cloud Services: EC2, S3, Lambda, CloudFormation, Version Control: Git, GitHub, Agile & Scrum Methodologies, Certified AWS Cloud Practitioner, and Google IT Support Professional Certificate.

# Project

- Data base project on SQL. Medical Connection (group project)

The screenshot shows a SQL database interface with the following details:

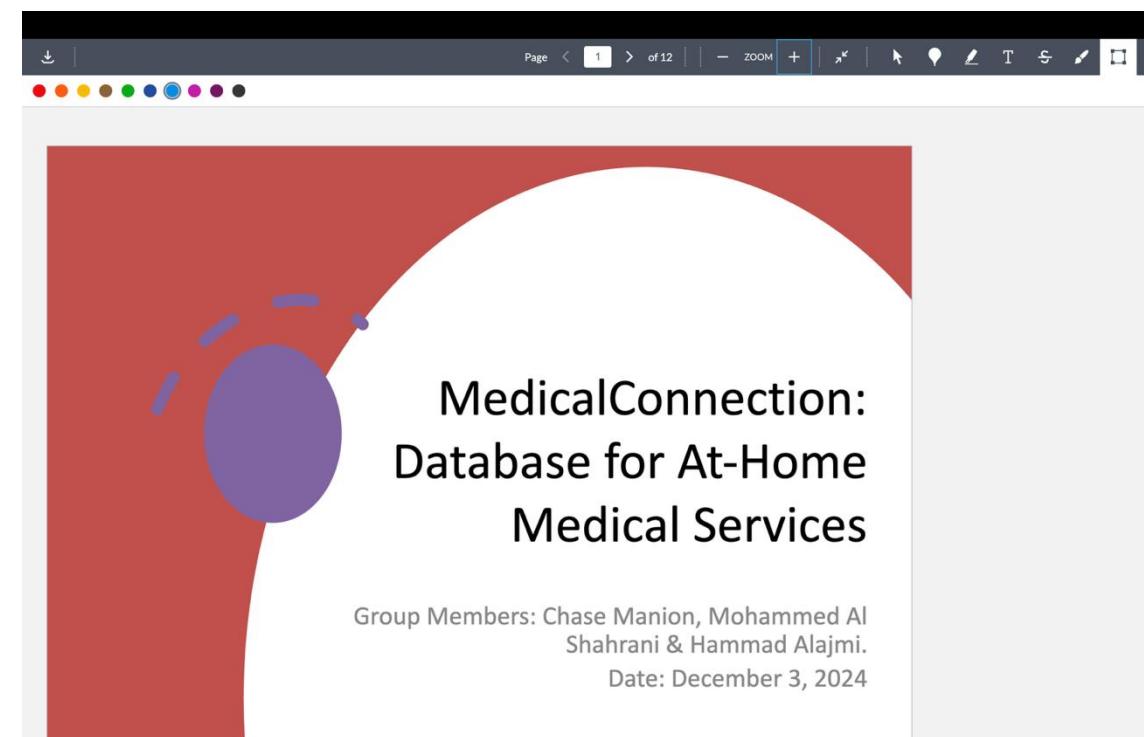
- Schemas:** medicalconnection
- Tables:** patients, appointments, staff
- SQL File:** SQL File #1 (medicalconnection)
- Query:**

```
1 -- Create Patients Table
2 CREATE TABLE patients (
3     patient_id INT AUTO_INCREMENT PRIMARY KEY,
4     patient_name VARCHAR(100) NOT NULL,
5     contact_info VARCHAR(100)
6 );
7
8
9 -- Create Staff Table
10 CREATE TABLE staff (
11     staff_id INT AUTO_INCREMENT PRIMARY KEY,
12     staff_name VARCHAR(100) NOT NULL,
13     role VARCHAR(50)
14 );
15
16 -- Create Appointments Table
17 CREATE TABLE appointments (
```
- Result Grid:**

appointment_id	date_time	patient_name	staff_name	service_type
1	2024-12-05 08:00:00	John Doe	Alice Johnson	Physical Therapy
2	2024-12-05 14:00:00	John Doe	Bob Lee	Psychiatry
- Action Output:**

```
1 16:04:38 CREATE TABLE staff ( staff_id INT AUTO_INCREMENT PRIMARY KEY, staff_name VARCHAR(100) )
2 2 rows affected
3 16:04:38 CREATE TABLE patients ( appointment_id INT AUTO_INCREMENT PRIMARY KEY, patient_id IN...
3 rows affected
4 16:04:38 INSERT INTO patients(patient_name,contact_info) VALUES ('John Doe','John.doe@example.com')
3 rows affected Records 3 Duplicates 0 Warnings 0
5 16:04:38 INSERT INTO staff(staff_name) VALUES ('Alice Johnson','Physical Therapist')
3 rows affected Records 3 Duplicates 0 Warnings 0
6 16:04:38 INSERT INTO appointments(patient_id,staff_id,date_time,service_type) VALUES (1, 1, '2024-12-04 10:00:00', 'Physical Therapy')
4 rows affected Records 4 Duplicates 0 Warnings 0
7 16:04:38 SELECT * FROM appointments WHERE appointment_id = 1
2 rows returned
```

Query code in action:



# My career Plan

**Short term:** I plan to finish my IT degree with a focus on cybersecurity and get experience through internships in cybersecurity, networks, or cloud security. I want to earn more beginner certifications like CompTIA Security+ or AWS Security.

I will join clubs and student groups to improve teamwork, communication, time management, and problem solving skills. I also want to learn about big projects that match about Saudi Vision 2030 and connect with people. Since I plan to work in Saudi Arabia.

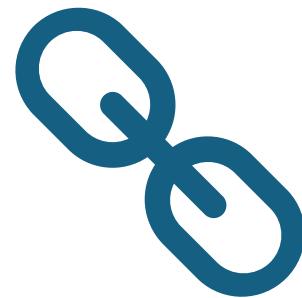
**Long term:** I want a full time job in cybersecurity could be either a security analyst or software devopler, and earn advanced certifications like CISSP .Which is Certified Information Systems Security Professional certification. I hope to move into leadership roles, specialize in areas like cloud security or threat intelligence, and help companies or governments improve security.

I also want to mentor others and work on large projects or programs. I can contribute to Saudi Vision 2030 by helping secure digital projects like smart cities, cloud systems, and other technology programs. I hope to work with companies that support Saudi's growth, teach or guide young people in cybersecurity, and help make projects safe and secure.

# Contact



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Linkden link:  
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