

# MOHAMMED ALANAZI

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## SUMMARY

Motivated Cyber Security graduate with hands-on internship experience in secure web application development and database integration at King Fahad Medical City. Proficient in ASP.NET, C#, SQL Server, and Entity Framework Core with strong skills in Power BI for data visualization. Eager to apply technical knowledge in cybersecurity, collaborative mindset, and passion for information security in an entry-level security role.

## EDUCATION

### Bachelor of Science in Cyber Security

July 2019 – June 2024

University of Hafr Al Batin

GPA: 3.199/4.0

College of Computer Science and Engineering

Relevant coursework: Fundamentals of Information Security, Data Security and Privacy, Ethical Hacking, Web Application Security, Information Assurance, Computer Forensics, Operating Systems Security, Network Security

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, C#, HTML/CSS, JavaScript, SQL

**Frameworks & Tools:** ASP.NET, Flask, Entity Framework Core, Firebase, Docker, Power BI, Visual Studio, Eclipse

**Cybersecurity:** Web Security, Database Security, Vulnerability Assessment, Penetration Testing, Computer Forensics

**Certifications:** CompTIA Security+ (In Progress)

## INTERNSHIP EXPERIENCE

### King Fahad Medical City (KFMC), Riyadh, Saudi Arabia: Cybersecurity Intern

July 2023 – August 2023

- Developed secure web applications using ASP.NET, C#, HTML, and CSS, implementing OWASP security best practices.
- Engineered robust database solutions using Microsoft SQL Server and Entity Framework Core with data encryption.
- Created interactive dashboards with Power BI, improving operational visibility by 30% for the security team.
- Implemented security protocols for healthcare applications, ensuring HIPAA-equivalent compliance standards.
- Collaborated with IT security team to conduct vulnerability assessments and remediate security issues.

## ACADEMIC PROJECTS

### Multi-AV Scanner

May 2024

Designed and developed a secure web application for scanning files with multiple antivirus engines

- Architected and implemented the application using Python, Flask, HTML, CSS, and JavaScript.
- Designed a secure Firebase database architecture for storing and retrieving scan results.
- Containerized the application with Docker for consistent deployment and scalability.
- Implemented secure file handling techniques and input validation to prevent malicious file uploads.
- Achieved 90% detection rate across multiple test malware samples compared to single-engine solutions.

### Healthcare Appointment System

August 2023

Led development of a secure web-based appointment system for King Fahad Medical City

- Engineered the system using ASP.NET, C#, HTML, and CSS with secure authentication mechanisms.
- Implemented secure database integration with Microsoft SQL Server via Entity Framework Core.
- Optimized system performance by 40% through efficient query design and caching strategies.
- Incorporated role-based access control and data encryption to protect patient information.
- Conducted security testing to identify and remediate potential vulnerabilities before deployment.

## LANGUAGES

**Arabic:** Native

**English:** Fluent