

Hassan Khaled Mohamed

Software Engineer

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Education

2017 September – 2021 May
Giza, Egypt

Faculty of Computers & Artificial Intelligence | Cairo University,
Bachelor's Degree

- **Bachelor's Degree** in Software Engineering
- **Cumulative GPA:** 3.04 (Very Good overall grade)
- **Graduation Project:** Face Mask Detection (Achieved an Excellent grade)

Professional Experience

2024 April – present
Giza, Egypt

IT Cybersecurity Engineer, National Bank of Egypt (NBE) [🔗](#)

- **Privileged Account Management:** Implement and maintain PAM solutions for various IT systems, including Active Directory, Oracle databases, SQL databases, and Unix systems.
- **Policy Enforcement:** Develop and enforce policies for managing privileged accounts.
- **Threat Detection:** Monitor and respond to suspicious activities involving privileged access.
- **Compliance and Audits:** Ensure PAM practices comply with industry standards and regulatory requirements, including regular audits and reviews.

2024 May – 2024 November
Riyadh, Saudi Arabia

Frontend Web Developer, VODO [🔗](#)

- Completed a Frontend React Developer Internship, collaborating on Projects, working with APIs, GitHub, and using Microfrontend architecture in React.js.
- Hired **Part-time Remotely** to optimize the Frontend and Improve User Experience.

2022 April – 2023 October
Hikestep, Cairo, Egypt

Information Technology Officer | Full Stack Developer,
Egyptian Armed Forces | The Main Armor 101 Workshop

During my tenure as a **Reserve Army Officer**

- Led a Team of 3-4 Soldiers and 1-2 Non-Commissioned Officers in Developing and Maintaining an Internal Private Website as a **Full Stack Developer**.
- Managed **LAN Servers and Clients**, Providing Technical Support for Hardware and Software Issues.
- Installed and Maintained Server Infrastructure, Including **Active Directory, User Accounts, and Group Policies**.
- Resolved Complex **SQL Database** Queries and Implemented Automated Backups to ensure Data Integrity and Prevent System Failures

Professional Development / Training Courses

2024 April – 2024 October
Giza, Egypt

Ministry of Communications and Information Technology (MCIT),
Digital Egypt Pioneers Initiative (DEPI)

A Free Scholarship provided Specializing in
Software Development - **React Web Development** Track which include:

- Prompt Engineering
- Essential Web Development: HTML,CSS,Javascript
- Front-End Development with **React**
- **Full Stack Development** using React & NodeJS

2023 November – 2024 May
Cairo, Egypt

- Route IT Training Center**, Diploma in ASP.NET Web Development
- Proficient in Database ,Management using **SQL Server**, including Query writing, Data Manipulation, and **Database Design**.
 - Skilled in both Basic and Advanced **C# Programming** and (**OOP**) Principles.
 - Extensive Experience with **Entity Framework** for Database Interaction, including Database-First and Code-First Approaches. Proficient in Developing Web Applications using **ASP.NET APIs**.
 - Designing and Implementing Web Applications using **MVC Architecture**

Technical Skills

HTML5 & CSS

SASS, Styled Components, Tailwind CSS, Responsive Design, Cross-Browser Compatibility, Performance Optimization, SEO Principles

NextJS

Server-Side Rendering, Static Site Generation, GraphQL,API Routes

Frontend Tools

Babel, Webpack, NPM, Code Quality Tools, SaaS Integration

Version Control Systems

Git/GitHub

ReactJS

JSX | React Router | React Hooks | State Management: Redux

NodeJS

ES6, TypeScript, Clean Code, ExpressJS, RESTful APIs, Asynchronous Coding, JWT Authentication

Network Administration

Windows Server, Technical Support, Hardware/Software Troubleshooting, Active Directory, Security Permissions

DevOps

CI/CD, Agile Methodology, Docker

Databases

MySQL, PostgreSQL, MongoDB, Firebase, Supabase

ASP.NET

Entity Framework, Web API, MVC

Software Fundamentals

OOP, Algorithms, Data Structures, SOLID Principles, Design Patterns

Programming Languages

JavaScript, Java, C++, C#, PHP, Python

Soft Skills

- | | | | |
|-------------------|-------------------|-----------------|-----------------------|
| - Leadership | - Presentation | - Communication | - Strong Work Ethic |
| - Problem Solving | - Self-Confidence | - Collabration | - Professional Skills |

Languages

Arabic (Native or bilingual proficiency) | **English** (Professional Working Proficiency)

Projects

OnDiet

Calorie Counter & Diet Tracker 

Ignite

A Search Engine Games 

Real Estate

Property Finder 

CourseCrafters

Ecommerce Platform 