Malak Emad Mohamed

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Profile

Computer Science fresh graduate with strong kowledge in software testing, test case design, and bug reporting. Skilled in manual testing, requirement analysis, and defect tracking. Quick to learn and contribute, with a focus on delivering high quality results in team based environments.

Education

Bachelor of Computers and Artificial Intelligence, *Cairo University* 2020 – 2024
Graduation Project: Arabic text grammar & spelling correction mobile application using Giza, Egypt
Flutter, NLP, and Spring Boot. (Grade: A+)

Internships

Full Stack .NET Trainee, *Information Technology Institute (ITI)* 11/2024 – 04/2025
- Built scalable web apps with .NET Core, ASP.NET MVC, and Web API. Giza, Egypt
- Managed data using Entity Framework, SQL Server, and LINQ.
- Developed dynamic UIs with HTML5, CSS3, Bootstrap, JavaScript (ES6+), TypeScript, and Angular.

IT intern, *iNetwork solutions* 06/2023 – 09/2023
- Gained hands-on experience with Windows Server infrastructure & networking. Giza, Egypt
- Worked with VMware ESXi & vCenter for virtualization

Experience

Technical Support Engineer, *D-Link* 07/2024 – 11/2024
- Provided bilingual technical support by troubleshooting router software and network Giza, Egypt
  issues.
- Assisted customers in router setup, firmware updates, and connectivity issues.

Courses

ISTQB Foundation Level, *self study*

Introduction to Software Testing Concepts & Techniques, *Mahara-Tech*
Verification code: ZvUBxqG2eS
- Define Software Testing, its objectives and duties.
- Test software using requirements document.
- Studied error handling, fault detection, and test case management using both black-box and white-box testing techniques.

Effective Test Case and Bug Report Writing Techniques, *Mahara-Tech*
Verification code: OAbEaMmXBx
- Software life cycle and the role of each tester in it.
- Acquired skills in writing test cases, managing bug reports.
- View bug states and Verify a bug fix.

Projects

Guru99 Banking website Manual testing
Performed manual testing by reviewing SRS documents, writing test cases, and generating bug reports.

Clothing E-Commerce Web Application
Developed a full-stack web application using Angular and ASP.NET Web API.

Hotel Management System (MVC Web App)
Developed a full-stack role-based hotel booking system with user authentication, reservation handling, and payment integration using ASP.NET Core MVC, C#, and SQL Server.

Technical Skills

Programming Languages: C#, C++, Java.

Backend Development: ASP.NET Core MVC, REST APIs, Entity framework.

Frontend Development: HTML5, CSS3, JavaScript (ES6+), TypeScript, Angular, Bootstrap.

Software Testing: Test Case Design, Bug Reporting, SRS Review

Tools: Git, Microsoft SQL Server, Postman.

Concepts: OOP, SOLID Principles, Algorithms, Data Structures, Design Patterns.

Interpersonal Skills

Time Management   Problem-Solving

Teamwork   Effective Communication

Extracurricular activities

SCCI-CU, *Instructor*   09/2023 – 05/2024
- Taught Android development using Java, delivered structured lessons to students, and led workshops on mobile app design and functionality.

AIESEC, *member*   08/2023 – 02/2024
- Worked in Exchange Participants Attraction & International Relations.

X-Project CU, *Web developer member*   01/2023 – 09/2023
- Built web apps with PHP and Laravel.