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**Key Skills:**

* **Frontend**
  + Html5, CSS3, Js, Bootstrap, Jquery, Pooper, Ajax
  + Angular 9, Blazor SPA
  + Chart.JS, fontawesome, Signalr js
* **Backend** 
  + Microservice Architecture Development
  + MVC .Net Core 1.x to 3.x with Repository Pattern and Versioning
  + REST API .Net Core 1.x to 3.x + Swagger + Nswag
  + Django + DjangoRestFramework python
  + N-Tier web development with best Practices
  + Entity Framework Core {Domain Driven Design} principle
  + Identity Framework Core + Nlog
  + Inversion of Control, SOLID principles, CQRS, TDD, DDD, IaC
  + SignalR and WebSokets and APIEventSource Real Time Development
  + Razor Pages and Aspx Pages
  + Deployment on Docker, IIS, Kesteral, Docker Compose
* **Platforms Development**
  + Web
  + Desktop
* **Programming Languages**
  + C#
  + Python
  + JS, TS
  + C, C++
  + Query Languages {NoSQL, SQL, GraphQL}
* **Databases and Infrastructures**
  + SQL Server, mySql, Sqlite
  + Mongo db, Cosmos db, Dynamo db
  + CSV, TSV, JSON, XML
* **Testing**
  + Unit Testing NUnit and xUnit on TDD for Dotnet Core framework
  + E2e testing frontend
* **DevOps and CI/CD and VCS**
  + Github workflows
  + Circle CI Building and Testing
  + Azure Devops Framework
* **Cloud Services**
  + Azure Functions
  + Deployment on Azure {Databases, Services, Apps}
  + Azure Service Fabric
* **Data Science**
  + Web Scrapping using Selenium and Beutifulsoup
  + ML.Net using Machine Learning Algorithms to ride business Dotnet
  + Data Visualization using Matplotlib and other tools
* **Software Engineering**
  + Agile Scrum Framework using DevOps Techniques
  + Microsoft Kanban Framework

**Certificates:**

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| * 3 Years Excellent Degrees in CIS Faculty |  |
| * ITC Academy Aspnet Excellent |  |
| * ITI one Month Participation for Aspnet Development |  |
| * Employability Skills UCCD Mansoura University |  |
| * Intel Ideation workshop Innove Egypt. |  |
| * Itida Potential Startup Innove Egypt |  |
| * The Second Place GP Award of Microservices Project TAVSS\_on\_Containers |  |
| * Badges of IBM and Microsoft |  |

**Projects**

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| **Projects** | **Link** |
| * TavssOnContainers Microservices Interactive Learning System   Courses Microservices  Project Microservices  Acclaims Microservices  Identity Microservices  Community Microsevices  Angular 9 Admin APP  Angular 9 User APP |  |
| * MarketIO E-Shop {Dotnet Core 3 APP}   MVC APP  Rest API |  |
| * Health Care System MVC5 |  |
| * Zoo.Place Animals Management System for Zoos   Blazor APP  Rest API |  |
| * Chatting Rooms Using SignalR   Angular APP  REST API Dotnet Core |  |
| * Enterprise Bus for Integration {Publish Subscriber Pattern} RabbitMQ middleware   RappitMQ Client  RappitMQ Server |  |
| * Covid19 Scrapper using Django + Djangorsetframework |  |
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