



Mohammed Zeidan

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About me:

I'm a Software Engineer / Data Scientist with 3+ years of professional experience developing different technologies such as **ASP.NET MVC, Flutter, Java, and Python**. I have a keen interest in **EDD (Event-Driven Development)**, and a general interest in **Architectural Design Patterns**. I'm an honest Introvert who tries his best to learn from his surroundings. With that being said, I'm told that I am a good **team player/collaborator** who's knowledgeable for his age. However, I am not afraid to present my ideas or raise a hand during technical discussions because, I believe that there are two kinds of people who don't learn: an arrogant and a shy.

WORK EXPERIENCE

APR 2021 – CURRENT – Riyadh, Saudi Arabia

SOFTWARE ENGINEER – INTERNET OF INNOVATIONS TECHNOLOGIES

Backend .NET Developer:

Developed [NopCommerce](#) plugins using **MVC Architecture**, connected to **SQL Databases** through **Entity Framework**, Separated using **Dependency Injection** to extend User Interfaces, Functionalities, and APIs (**JS, CSS, HTML, C#**).

- **Miscellaneous Plugin**, collaborated with an **Agile Cross-Functional** team led by a senior to develop API endpoints for a Point Of Sale App Integration with nopcommerce. through creating services that are not available in the Official API.
- **Payment/Shipping Plugins**, Developed two payment methods and two shipping methods with their API endpoints.
- **Widget Plugin**, that changes the default formatting, Generates a QR Code for customer Invoices making them compliant with ZATCA e-invoicing Requirements/Encryption standards. As well as, Adds the option to show invoices in both LTR and RTL languages.

Flutter Developer:

Collaborated with a **SCRUM** team to develop a Point Of Sale & E-Commerce Store flutter (**Dart**) Application:

- Developed 20+ screens of the Point Of Sale Application using **Clean Architecture**, feature based approach.
- Used **MVVM Architecture**, feature-based approach to develop 10+ screens of the E-Commerce Store Application.
- both apps used **EDD (Event-Driven Development)**. Some of the Libraries used both apps [Flutter Bloc](#), [Dependency Injection](#), [Responsive Framework](#), [Firebase Crashlytics](#), and [ObjectBox](#).

In both positions we managed the code through [Azure DevOps](#), managed tasks through [Azure Boards](#) with Continuous Integration.

Skills:

Cross-functional teams | Azure, Azure DevOps | ASP.NET Core, MVC, Web APIs | Version Control | MVC Design pattern | C# | Java | Software Development Lifecycle and Agile Methodologies Scrum | Agile (Scrum & Kanban) |

FEB 2020 – APR 2021

SOFTWARE ENGINEER – MEZO TECHNOLOGIES

Developed many open-source, free, and paid projects for either for freelance clients or for personal development:

- **Mezo Architecture** ([Github](#)) { An Onion Architecture inspired by NopCommerce but for flutter Applications. It proved Faster development in long term projects, Enforces the **SOLID principles**, and has open-source implementations (**Below Two Projects**) }
- **E-Invoice QR-Code Reader Application** ([Github](#)) { Created a **Flutter** cross-platform (Android, iOS) application that scans/locally stores QR-Codes from invoices to determine if they follow Saudi Arabia's ZATCA Encryption/formatting standards}
- **Movies Cross-Platform Application** ([Github](#)) { Created a Flutter cross-platform (Android, iOS, Web, Linux, Windows) application that connects to a Movies API with capabilities such as Movies Search, Caching, Error Handling, and **Event-Driven** State Management (**Bloc/Cubit**)}
- **Implementation Of 11 Numerical Methods** ([Github](#)) { Worked on implementing complex algorithms that provide approximate solutions to math problems using libraries such as **Numpy, and Pandas** in **PYTHON** }

Skills:

Python | Functional programming | Object-Oriented Programming | EDD | Git | GitHub | Flutter(Dart) | Architecture | RESTful API | Data Profiling, Data wrangling, Data Visualization | JQuery | HTML | JSON | MVVM pattern | CSS, HTML, JS

MAR 2019 – FEB 2020 – Cairo, Egypt
WEB DEVELOPER (PART-TIME) – DELIVERY PRINTS

Collaborated in the development of a previous version of the Delivery Prints Website & App which is a Frontend / Backend **ASP.NET MVC** Web Application along with a native **JAVA** android application the system was formed so that the frontend is for Job Assignment, store info & sales, and the backend is for Designer / Sales Management.

Skills:

JAVA | C# | ENTITY FRAMEWORK | LINQ | JQUERY | CSS, HTML , JavaScript | BOOTSTRAP

EDUCATION AND TRAINING

2017 – 2021 – Beirut, Lebanon
BACHELOR'S DEGREE IN COMPUTER SCIENCE – American University Of Science And Technology

Majored in Computer Science ([ABET Accredited](#))
Made It To The Honor List Of Graduates with cumulative GPA: 3.25/4

Obtained an emphasis in **Data Science** using **Python**,
◦ worked on many course projects using **OpenCV, Numpy, Matplotlib, and Pandas.**
◦ worked on Data cleansing/wrangling, and preparation.
◦ worked on Microsoft Power BI for Data Visualizations. (later became a Certified Associate **below**).

Certifications:

- LPI Certified Linux Professional (**LPIC-1**)
- Microsoft Certified Data Analyst Associate (**DA-100**)
- International Computer Drivers License (**ICDL**)
- CISCO Certified Networking & I.T Admin (**CCNA**)
- CISCO IT Essentials

Senior Project:

Road Mapper was my two-member team's senior project its main idea was to use **Traffic-Sign Detection** in order to give Navigational Assistant made in **PYTHON** with libraries such as **OPENCV, TensorFlow, PYQT, and Folium** ([GitHub](#))

ONLINE COURSES / CERTIFICATIONS

- **Software Development Lifecycle** {On-Going, 60+ Hour 4-Course Specialization From The University Of Minnesota By Coursera}
- **Google Certified I.T Support Professional** { Finished, A 160+ Hour 5 Course Specialization provided by Google on Coursera }
- **IBM Data Science** { On-Hold, An 200+ Hours 7 Course Proficiency Program provided by IBM on Coursera }

LANGUAGE SKILLS

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
ARABIC	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user