

# Mohamed Elsayed Mohamed

FullStack Web Developer, Instructor, and Data Analyst

## Contact

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## Skills

### Technical Skills

Node.js

Express

PostgreSQL

Microsoft SQL Server

TypeScript

JavaScript

ECMAScript

C#

Results-driven and detail-oriented Web Developer with a strong background in front-end and back-end development, database design, and API integration. Skilled in creating responsive, user-friendly websites and web applications using technologies such as HTML, CSS, JavaScript, React, Node.js, Express, and SQL. Experienced in deploying full-stack projects to cloud platforms like AWS and managing version control with Git. Adept at solving complex problems, collaborating in team environments, and continuously learning new tools and frameworks. Seeking to contribute technical expertise and creative solutions to innovative web development projects.

## Work History

May-2017

Current

### Full-Stack Web developer & Instructor

Graphitopia For Training and Modern Designs

- Develop and maintain full-stack applications using Node.js and related technologies.
- Edit and improv existing codebases, enhancing performance, structure, and functionality.
- Plan and implement curriculum to teach up-to-date Front and Back-end technologies.
- Design appropriate and specialized lesson plans for students.
- Teach Frontend languages and technologies such as HTML, CSS, JS, JQuery and Bootstrap.
- Teach Backend languages and technologies such as C#, ASP.NET, Microsoft SQL Server and Data Access.
- Train students to build projects contained the up-to-date technologies in Frontend and Backend.

May-2019

Jun-2020

### Full-Stack Web Instructor

MCDVGA

- Planned and implemented curriculum to teach up-to-date Front and Back-end technologies.
- Designed appropriate and specialized lesson plans for students.

Java		<ul style="list-style-type: none"> <li>• Taught Frontend languages and technologies such as HTML, CSS, JS, JQuery, Bootstrap.</li> </ul>
Jasmine		<ul style="list-style-type: none"> <li>• Taught Backend languages and technologies such as Typescript, Node.js, Express, PostgreSQL, REST APIs, Git, AWS.</li> </ul>
EsLint		<ul style="list-style-type: none"> <li>• Trained students to build projects contained the up-to-date technologies in Frontend and Backend.</li> </ul>
Prettier		
HTML		
CSS	Sep-2016	<b>Computer Teacher</b>
Bootstrap	Jun-2019	Elmanar Institute for Languages schools
Git		<ul style="list-style-type: none"> <li>• Trained and developed students' skills in word, Excel, Scratch and Visual Basic.</li> </ul>
CircleCI		<ul style="list-style-type: none"> <li>• Tested and evaluated students' progress to determine effectiveness and impact of teaching methods, materials and projects.</li> </ul>
AWS	Apr-2013	<b>Computer Instructor</b>
Asp.net	Jul-2016	CTC Academy
MS Office		<ul style="list-style-type: none"> <li>• Taught ICDL to increase knowledge base.</li> </ul>
Excel for Data Analytics		<ul style="list-style-type: none"> <li>• Planned and implemented curriculum to teach up-to-date Front and Back-end technologies.</li> </ul>
Pivot table		<ul style="list-style-type: none"> <li>• Taught Web Application Development using Microsoft .Net Framework.</li> </ul>
Power Query		<ul style="list-style-type: none"> <li>• Taught Frontend languages and technologies such as HTML, CSS, JS, JQuery, and Bootstrap.</li> </ul>
Power Pivot		<ul style="list-style-type: none"> <li>• Taught students building projects from scratch.</li> </ul>
<b>Languages</b>		
	Nov-2011	<b>Customer Service Representative</b>
	Sep-2012	Sutherland For Global Services
English		<ul style="list-style-type: none"> <li>• Updated account information to maintain customer records.</li> <li>• Maintained customer satisfaction with forward-thinking strategies focused on addressing customer needs and resolving concerns.</li> <li>• Responded to customer requests for products, services and company information.</li> <li>• Answered customer telephone calls promptly to avoid on-hold wait times.</li> </ul>
	Mar-2009	<b>Retail Sales Associate</b>
	2011-1	Pentium
		<ul style="list-style-type: none"> <li>• Checked pricing, scanned items, applied discount and printed receipts to ring up customers.</li> </ul>

## Courses

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Jul-2025 In Progress	<b>Data Analytics – Data Analyst Specialist</b> ITI Egypt <ul style="list-style-type: none"><li>• Developing skills in data analytics, visualization, and reporting.</li><li>• Tools and technologies covered: Python, SQL, Tableau, Microsoft Power BI.</li></ul> <b>Key modules:</b> <ul style="list-style-type: none"><li>• Prompt Engineering</li><li>• Foundations of Data and Data Analytics</li><li>• Make Data-Driven Decisions</li><li>• Data Preparation using Python</li><li>• Data Cleaning and Organization using SQL</li><li>• Exploratory Data Analysis</li><li>• Data Visualization with Tableau and Power BI</li><li>• Dashboard Development</li><li>• Data Governance</li><li>• Capstone Project (Real-world data case study)</li></ul>
Jan-2022 Jul-2022	<b>Advanced Full-Stack Web Development</b> Udacity online learning platform <ul style="list-style-type: none"><li>• Developing with Typescript.</li><li>• Backend development with Node.js.</li><li>• Unit testing with jasmine.</li><li>• Building a server.</li><li>• Building and image processing API application.</li><li>• Creating an API with PostgreSQL and Express.</li><li>• Building a storefront backend application.</li><li>• Deployment process.</li><li>• Interact with cloud services via a CLI.</li><li>• Configure and document a pipeline.</li></ul> Hosting a Full-Stack application.
Sep-2021 Dec-2021	<b>Professional Frontend Web Development</b> Udacity online learning platform <ul style="list-style-type: none"><li>• Intro to JavaScript.</li><li>• JavaScript and the DOM.</li><li>• Web APIs and Asynchronous applications.</li><li>• Foundations of Agile.</li></ul>
Mar-2012 Sep-2013	<b>Web Application Development With .Net Framework</b> New Horizons Computer Learning Center <ul style="list-style-type: none"><li>• Introduction to Programming in C# with Microsoft Visual Studio 2010.</li><li>• Writing queries using Microsoft SQL Server 2008.</li></ul>

- Implementing a Microsoft SQL Server 2008 database.
- Developing data access solutions with Microsoft visual studio 2010.
- Developing windows communication foundation solutions with Microsoft visual studio 2010.
- Introduction to web development with Microsoft visual studio 2010.

Feb-2010  
Jun-2010

### **Basic Business Skills Acquisition**

Berlitz Language Institute

- Essential English and Business English.
- ICDL (IT – Windows – Word – Excel – Access – MS Project – Internet – Outlook).
- Enhanced presentation & project development skills.
- Soft Skills
- Communication skills.
- Acquired basic business skills including marketing, accounting, business correspondence and report writing.
- Human Resources Management.

Aug-2010  
Oct-2010

### **English Pronunciation and Business English**

Berlitz Language Institute

Jul-2008  
Sep-2008

### **ICDL**

Synergy

Aug-2008  
Oct-2009

### **Essential English**

Aseb Academy

## **Education:**

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2004  
2008

### **Alexnadria University**

Faculty of Arts