




# Nouran El-Mohamady

## Junior Full-Stack Developer

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## OBJECTIVE

Seeking a position as a **full stack web developer** to contribute my years of experience in developing and maintaining web applications, improve my skills in programming languages and frameworks and practice more projects.

## EDUCATION

**Bachelor in Communication and Electronics Engineering**

Sept 2017 – Jul 2022

Faculty of Engineering, Alexandria University.

## ACADEMIC PROJECTS AND TECHNICAL TEAMS

- **Graduation Project:** Automated Network Configuration [GitHub](#)  
Control network devices like switches and routers by using a **website (AutoNet) automatically**.

My role as **Full stack web developer** was to:

- Build a website to make automatic configuration for network.
- Make a friendly user interface to set the configuration easily.
- Run python script automatically for specific network devices.
- Receive inputs and make some operations on it and store them in the database.
- Make the AutoNet secured by checking the login password and the admin name.

**Grade:** Excellent

**Project Supervisor:** Dr. Onsy Ahmed

- **Technical Team:** Vortex Robotics Oct 2019 – Nov 2020  
Vortex™ is an Egyptian company for underwater technologies and marine services.

My role as **software engineer** was to:

- Establish a PID system to ensure the stability of the machine and its smoothly motion.
- build an Arduino code that makes the ROV to move.
- Chose the appropriate communication module and protocol.

## TRAINING EXPERIENCE

- **ITI Scholarship (وفيات) MEAN Stack Developer** May 2022 – Present

- **Advanced Front-End Web Development** Aug 2021 – Sept 2021  
Udacity, Remote.

My Role as a **front-end web developer** was to:

- **Simple Book Tracking App by:** [GitHub](#)
  - using React and React Router Dom.
- **Simple Would You Rather App by:** [GitHub](#)
  - using React-Redux and React-Bootstrap.
- **Evaluate a New Article with Natural Language Processing by:** [GitHub](#)
  - using build tools like webpack, sass, Meaning Cloud API for Sentiment Analysis.
  - Making a simple unit testing using jest framework.

- **Web Development Professional** Sept 2020 – Nov 2020  
Udacity, Remote.

My Role as a **full stack web developer** was to:

- **Weather-Journal App by:** [GitHub](#)
  - Using Express environment, html, CSS and JavaScript.
  - Creating an asynchronous web app that used Web API and user data to dynamically update the UI.
  - Making a local server using NodeJS and got data from external API.

- **Simple Dynamic Landing Page by:** [GitHub](#)
  - Manipulating the DOM.
  - Creating a dynamic navigation menu based on the sections of the page and scroll to selected section from the nav bar menu and highlight it in viewport upon scrolling.
- **Youth Enablement for Freelancing Initiative** Oct 2020 – Des 2020  
The Ministry of Communications and Information Technology, Remote
  - **Pet Care shop:** [GitHub](#)  
Online shop for buying cats, dogs, birds and their foods. Ability for sharing your story with your pet and chatting with a doctor for any help.  
My Role as a **full stack web developer** was to:
    - Create a database using php and MySQL.
    - Make a friendly user interface using html, CSS, bootstrap and js (jQuery framework).
    - Make a user authentication for login using php and js.

## PROJECTS

- **Basic Banking System** [GitHub](#)  
The Sparks Foundation Program, Remote  
A Web Application that allows users to perform monetary money transactions with multiple users and also record their transactions/ banking activities.  
My Role as a **full stack web developer** was to:
  - View customers page which shows the 10 customers with their updated balance.
  - Create a customer's table with basic fields such as name, email, current balance, etc. with a dummy data up to 10 customers.
  - Create transfer table with basic fields such as sender, receiver and time.
  - Make Transfer Transaction History page which records all the transactions.

## COURSES

- **Business English – pre-intermediate level**  
the American university in Cairo (Remote)
- **Employability skills**  
UCCD - Aspire (Remote)
- **Technical Report Writing**  
the American university in Cairo (Remote)
- **Front end development – 1 million Arab cords**  
Udacity (Remote)
- **Speak English professionally**  
Georgia Institute of Technology (Remote)
- **HTML essential and CSS essential**  
LinkedIn learning (Remote)
- **JavaScript essential and Python basics**  
Maharatech (Remote)
- **Web development challenger track**  
Egypt fwd (Remote)

## VOLUNTEER EXPERIENCE

- **Media and Marketing member** May 2021 – Des 2021  
University Center for Career Development (UCCD), Faculty of Engineering.
  - Made brain storming and creative design idea for posters and banners.
  - Enhanced audience engagement through social media channels.
  - Created contents for Facebook page posts.
  - Monitored the FB page and UCCD website and increasing the performance by Monitoring Marketing reaching curve.

## SKILLS

- |                         |                  |                   |                      |
|-------------------------|------------------|-------------------|----------------------|
| ● HTML 5                | ● CSS 3          | ● JavaScript      | ● PHP                |
| ● MySQL                 | ● ReactJs        | ● MongoDB         | ● NodeJS             |
| ● Bootstrap             | ● jQuery         | ● sass            | ● Express.js         |
| ● C Language            | ● Git            | ● Arduino         | ● Visual Studio code |
| ● Code Blocks           | ● MATLAB         | ● Proteus         | ● Adobe XD           |
| ● Microsoft Power Point | ● Microsoft Word | ● Microsoft Excel | ● OpenCV             |

## LANGUAGES

- Arabic (Mother tongue)
- English (Intermediate at speaking and writing)