

# Muhammad Ahmed Muhammad Ismail

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## SUMMARY

Junior Software Engineer, ITI graduate and previous mechanical engineer. Passionate with coding and developing systems using robust technologies, keen on discovering new technologies and learning new tools that elevate my productivity and facilitate working with my teammates

## EDUCATION

- **Information Technology Institute** October 2021 - June 2022
  - 9-month professional training track ; Open Source Application Development
- **Alexandria University Faculty of Engineering**
  - Bachelor of Science - Mechanical Engineering ; Grade: Very good 80% September 2012 - June 2017
  - **Graduation Project:** Optimization of shell and tube heat-exchanger using Genetic Algorithm by Matlab
  - **Grade:** Excellent

## EXPERIENCE

- **Maicana Machine Building** April 2018 - July 2021
  - Mechanical Design Engineer
    - Design Mechanical parts using cad software (solid works)
    - Participate in technical and financial offers preparation.
    - Monitor installation on sites
- **Petrojet Northern Branch - Zohr Site** October 2017 - December 2017
  - Site Engineer
    - Supervise installation of pipelines
    - Make daily productivity reports.

## PROJECTS

- **Tic-Tac-Toe Desk Game App:**
  - **Brief:** Java game app that players can play either with a BOT or with each other over the network
  - **Repo-link:**
    - \* Server-App: [github.com/yhyamohamed/ServerSide.git](https://github.com/yhyamohamed/ServerSide.git)
    - \* Client-App: [github.com/yhyamohamed/ITI-Tic-Tac-Toe-v2](https://github.com/yhyamohamed/ITI-Tic-Tac-Toe-v2)
- **Basic E-Commerce Application :**
  - **Brief:** Native-Php app that controls purchasing and downloading a software product .
  - **Repo-link:** [github.com/Muhammed-Ismail2017/BasicEcommercePHP.git](https://github.com/Muhammed-Ismail2017/BasicEcommercePHP.git)
- **Simple Gym Management Application :**
  - **Brief:** Laravel App that provides a web system for managing a gym
  - **Repo-link:** [github.com/Hegabovic/GymSystem.git](https://github.com/Hegabovic/GymSystem.git)

## SKILLS SUMMARY

- **Programming :** Python, PHP, C++, JavaScript, JAVA, SQL, Bash
- **Frameworks:** Laravel, Django, NodeJS, Angular, React
- **Tools:** GIT, MySQL, PostgreSQL, MongoDB, Linux, Ansible, Docker
- **Soft Skills:** Self-motivated, Time Management, Detail-oriented
- **Languages:** Arabic, English

## COURSES

- FWD-Professional Track Web-Development
- FWD-Professional Track Data-Analysis