Mohanad **Hossam**

FRONT-END WEB DEVELOPER

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ABOUT

Junior Software Engineer with a strong background in different software technologies, skilled in Angular, React, Express, Node, Postgres, MongoDB, etc.

EDUCATION

- Faculty of Engineering
Sep 2014 – May 2019

- B.S. in Computer Engineering - Benha University (Shoubra Faculty of Engineering)
  Grade: Good
- Final Project: Smart T-Shirt that sends notifications to Mobile application
  Grade: Excellent - Rank: 1st place in Egypt IoT challenge, 3rd place at Benha University

WORK EXPERIENCE

- DIGIS SQUARED

Date: Aug 2021 - Present
Job Title: Software Engineer (Front-End Developer)
Location: Cairo - Egypt
Responsibilities:

- UI development using Angular, Javascript, HTML, and CSS.
- Translating and bringing to life UI designs into interactive interfaces, giving end users the absolute best experience possible.
- Collaborating with Backend Developers to ensure that frontend and backend implementations are aligned.
- Collaborating with UX designers and marketing to bring the whole experience to life through clean, reusable, and scalable code.
- Maintaining and improving web applications.
- Optimizing application for maximum speed and scalability.
- Participated and aware of all sorts of agile ceremonies (user story grooming, sprint planning, sprint retrospective).

- EGYPT IOT & AI CHALLENGE

Date: Aug 2018 - Sep 2019 · 1 yr 2 mos
Job Title: Software Engineer (Intern)
Location: Cairo - Egypt
Description:

- Egypt IoT & AI Challenge is a capacity-building and pre-incubation program for Senior University Students, High School Students, and Startups that have innovative ideas in the areas of the Internet of Things (IoT), Artificial Intelligence (AI), and related fields.

- INTEGREIGHT

Date: Aug 2016 - Oct 2016 · 3 mos
Job Title: Software Engineer (Intern)
Location: Cairo - Egypt
Description:

- Building Embedded systems projects that enable makers to access mobile sensors
- Content creation & SEO
- Crowdfunding researches.

PROJECTS

- **INOS • Intelligent Network Optimisation System**
  inos.digis2.com
  - UI development using Angular, Javascript, HTML, and CSS.
  - Responsible for developing new user-facing features.
  - Determining the structure and design of web pages.
  - Building reusable codes, and optimizing page loading times.

- **KATANA**
  - UI development using Angular, Javascript, HTML, and CSS.
  - Structuring of the web application from scratch.
  - Implementation of different types of charts, and tables.
  - Implementation of maps and drawing points, polygons, and routes.
  - Creating user-friendly dashboards and widgets.

HONORS & AWARDS

- **2nd Place**   Feb 2020   International Inventions Fair in the Middle East, Kuwait
  Honored with the Silver Medal of International Inventions Fair in the Middle East, Kuwait 2020 for my graduation project

- **1st Place**   Dec 2019   IEEE Global Conference on the Internet of Things GCIOT, Dubai
  Honored with the Most Promising Idea prize at Global Conference on the Internet of Things GCIOT, Dubai 2019 Unity game engine course.

- **1st place**   Oct 2019   Egypt IOT & AI Challenge - Graduation Projects Track, Egypt
  Took first Place in Egypt IoT & AI Challenge - Graduations Project Track.

- **3rd Place**   Sep 2019   Benha University Graduation Projects Competition, Egypt
  Took third place in Benha University Competition for Graduation Projects.

EXTRACURRICULAR ACTIVITIES

- **AlHajj Hackathon in Saudi Arabia**
Participant
  - An exceptional gathering with the participation of more than 51 countries around the world, organized by the Saudi Federation for Cybersecurity, Programming, and Drones, using technology to improve the annual Hajj experience for Muslims through innovations that pave the way for a smooth and technology-rich journey.

- **MSP tech club (Microsoft Student Partners)**
AC Member
  - Taught game development on Unity software to students.
  - Technical instructor for Arduino workshops to students.
  - Contributed to organizing workshops for teaching students.

CERTIFICATES

- **Data Analysis Professional Nanodegree at Udacity**   May 2021 – Jun 2021
  - Used Microsoft Excel datasheet for data manipulation.
  - Created visualizations using Matplotlib and Pandas.
  - Gathered data offline and online using Requests and BeautifulSoup.
  - Assessed data according to the define-code-test approach.
  - Concluded insights out of cleaned data using visualizations and descriptive statistics.