

Mahmoud Ahmed

mahmoud.ahmed9@outlook.com | linkedin.com/in/mahmoudai1 | github.com/mahmoudai1 | +201140497677

Software Engineer who is always seeking to gain new skills and experiences, motivated to face new challenges and think about how to deal with them efficiently and smartly. I'm a professional team player who enjoys collaborating with teams and work hard to achieve the best outcomes.

EDUCATION

Bachelor in Computer Science, 3.6/4.0 GPA
Modern Sciences and Arts (MSA) University.

2018 - July 2022

PROFESSIONAL EXPERIENCE

Software Developer, *Freelance | Part-time*

June 2020 - Present

Facilitated the growth of over 12 businesses by developing interactive web applications and systems to manage their inventory, customers, and data. Moreover, I resolved legacy applications and returned them to production.

Full Stack Software Engineer, *Pylon | Full-time*

Oct 2022 - Present

Gained practical experience and worked on various complex in-production projects. Designed and developed several procedures and projects from inception. Additionally, I have collaborated with teams on different projects by integrating new features and participating in group brainstorming to address arising issues.

TECHNICAL SKILLS

Languages

PHP, JavaScript, C#, C++, Python

Frameworks

Laravel, Livewire, ReactJS, VueJS, AlpineJS
.NET, NodeJS, Flask, Flutter, TailwindCSS

Databases

OracleSQL, MySQL, MongoDB, SQLite, Firebase

Others

GitHub, AWS, Linux, Nginx, Apache Kafka, SEO,
Tensorflow, Keras, Unity

PROJECTS

NFC Customer Card Operations

- Designed a structural solution to optimize the time required for customers to read from and write to the card.
- Developed APIs, SQL procedures, and scripts with the communication of kafka mechanism.
- Delivered to multiple customers in-production, in order to display their associated data and write charges.

Tools: PHP, Laravel, Python, C#, ReactJS, OracleSQL, Kafka, Linux

GIS Monitoring

- Delivered interactive GIS monitoring, retrieving detailed information about each meter and providing routes.
- Marked buildings that contains meters, communication elements, and other components.

Tools: Leaflet, Leaflet Clustering, PHP, JavaScript, OracleSQL, CSS, Bootstrap

E-Commerce Web Application

- Developed in-production e-commerce with a seamless shopping experience, from cart filling to checkout.
- Implemented subscriptions, enabling customers to subscribe to specified services in addition to shopping.

Tools: PHP, Laravel, Livewire, MySQL, AlpineJS, VueJS, TailwindCSS

Link: <https://www.armyverse.net>

Content Management System

- Developed a software solution for managing orders, inventory, customers, and other data.

Tools: PHP, Laravel, Livewire, ReactJs, MySQL, TailwindCSS