

Moustafa Mohsen

FULL STACK DEVELOPER

26 yrs. Senior Software Engineer, with +7 years in creating and leading software development, Experienced in all aspect of software development with emphasis on Back end Dev. Loves everyone and Working to improve the world.

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Portfolio: moustafamohsen.com
LinkedIn: in/moustafamohsen
GitHub: moustafamohsen

Key Skills

Front End: Angular, React – JavaScript, Typescript, CSS3, HTML5, SASS – RESTful API, JSON, jQuery, Bootstrap, Tailwind.

Back End: Node.js, PHP, .NET Core, and C # – WordPress Theme Development.

DevOps, OS and Others: Git, Jenkins, Docker, Linux, FCM, Firebase, Digital Ocean, Heroku, AWS.

Web3: IPFS, FileCoin, Solidity, SmartContract.

Databases: PostgreSQL, MySQL, MS SQL, SQLite.

Awards and Achievements



Best Super app, Awarded (\$40,000) 2021
Formula 0001: Rapyd Fintech Grand Prix Hackathon
ViaFusion: Fintech Super-app to Transfer Money to your bank account, accept payments globally, issue virtual credit cards, and keep track of all of your transactions.



Across the line award, Awarded (\$1,000 in Filecoin) 2022
Faber Web3 Hackathon
Dassword: The First Decentralized Password Manager, build on Filecoin and IPFS.

WORK HISTORY



Programming Office Manager
Ongoing

11/2020 – 7/2021
Cairo, EG (Office)

- Laying out project execution plans
- Leading and Motivating Development team to meet projects deadlines
- Guiding development team in solving complicated issues during development
- Conducting group training sessions to help employees understand company ERP system
- Contacting client meetings and estimating project cost
- Administrating resources and servers for the company and the clients



- Odoo development and implementation.
- Creating ERP and MRP systems for enterprises.
- Integrating Odoo with different Technologies and Machines utilized by clients

TBS & Ongoing ()

- Presenting projects for clients
- Creating proposals and pricing
- Meeting with potential clients to close deals
- In 2 months negotiating deals for both companies **valued at +30,000\$ USD**
- **Utilized Skills: Leadership, SCRUM Project Management, Opportunity Conversion**
- **Languages: Python, Odoo Development, PHP, etc.**



Full Stack Developer

Educator.com

04/2019 – Present
CA, US (Remote, Part-time)

- Working with various languages and frameworks like **PHP as REST-API, Android/iOS Ionic app** and **WordPress**
- Responsible for the Development of the teachers' Ionic iOS/Android app and Educator's Blog and teachers payment system
- Development of the **PHP REST APIs** and **PHP libraries**
- Merged 10 *WordPress* sites blogs into one site, while keeping every URL the same while on different domains, so not to affect SEO, by developing a custom made **PHP** merger script from scratch and WP rewrite rules
- Taking feedback from Teachers and Students to add features and enhance UX on the APP or Website
- Maintaining a consistent design theme and accent across different parts and products of the website derived from the main site
- **Utilized technologies: Angular, Ionic, WordPress Development, Amember**
- **Languages: PHP, TypeScript, MySQL, Sass, HTML**



E-Commerce WP Developer

Green Diamond group

2020
(Development & Support Contract)

- Developing WooCommerce child themes that, Built on **Divi**
- Developing Pages as specified by the client's design
- Adding WooCommerce functionality and integrating payment processing services, and adding other functionality

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- Coding a Two-Way binding module that connects Odoo apps with WooCommerce (Stock, Orders, Customers, Taxes, etc.)
- **Utilized technologies: *Wordpress Development, WooCommerce (Ecommerce), Odoo Enterprise***
- **Languages: *PHP, MySQL, Sass, HTML***

 **Web Developer**
Freelancing

2017 – 2018
(Remote)

- Worked on various different frameworks like *ASP.NET, Angular* and *WordPress*
- Communicating with the Client's and choosing a framework that best fits their goal

OTHER WORK HISTORY

Web Developer

2015 – 2018

Mabda2

Cairo (Part-Time), Egypt

- **WordPress** and **Angular** Developer, Developing Themes and Plugins for WP and Interactive apps
- Developed WP themes Exactly like the designer's PSD to the pixel
- Administrating DigitalOcean's Ubuntu servers

Assistant Engineer

08/2016 – 09/2017

Automation Gate Engineering

Sharm el-Sheikh, Egypt

- Programming PLC systems and Maintaining control units for [Four Seasons Hotels and Resorts](#)
- Cooperating with the hotel's engineering department to upgrade their control systems
- Leading installation technicians on site and reporting back to the project's lead

PERSONAL OPEN-SOURCE PROJECTS

More at: <https://github.com/moustafamohsen>

- **Dassword.com** (IPFS, FileCoin, Node.js)

Manage your passwords across websites and apps while being secure and reliable you can store your credit cards, personal files, personal notes, and sensitive files

- Zero-knowledge password proof architecture insures master password is, **never** transferred over the internet, and never stored, and is only used to for initial login and the second date decryption only
- Multiple encryption on the data stored on IPFS to make sure not the user only or the server only can access the data

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- Backend as IPFS relay to warp the data in an encryption layer then storing to IPFS and retrieve it.

Links: [Dassword.com](https://dassword.com), [Devpost](https://devpost.com), [GitHub Front End](https://github.com), [GitHub Nodejs Server](https://github.com)

- **ViaFusion.net** (Node.js, PostgreSQL, Ionic 5, Angular)

Transfer Money to your bank account, accept payments and keep track of transactions easily, but it is not just for that!

- Use hundreds of payment methods across the globe to accept or make payments the way you find it convenient
- Create virtual credit card easily and activate it whenever needed
- Full integration with Rapyd Collect, Rapyd Disburse, Rapyd Issuing, Rapyd Wallet, and Other Rapyd APIs

Links: [ViaFusion.net](https://viafusion.net), [Devpost](https://devpost.com), [GitHub Front End](https://github.com), [GitHub Nodejs Server](https://github.com)

- **CSS-Angular** (Node.js)

- Analyze any CSS file to construct a TypeScript file to be integrated to any Angular Animations project
- CSS ruleset is converted to an AnimationStyleMetadata object that could be easily imported

Links: [Medium article](https://medium.com), [npm](https://npm.com), [GitHub](https://github.com)

- **Core User Identity** (.NET Class library)

- With few lines of integration and configuration, install the most commonly used Identity structure with integration options such as **JWT** token authentication, Google, Facebook & others for **OAuth2** external login options, email registration with **email verification**, user role control and others

Links: [Package page](https://packagepage.com), [GitHub .NET](https://github.com)

More at: github.com/moustafamohsen, devpost.com/contact610

EDUCATION

Al-Azhar University

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|--|---|
| • Major: Computer Science & Engineering | • Certificate: Bachelor of Engineering Computer Science |
| • Programing Coursework: OOP, Data Structures, Java | • Other Coursework: Embedded Systems, Logic gates, VHDL, Calculus, Vectors, etc. |