

# Yousef Abdelsalam Fathy

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## EDUCATION

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Elshorouk Academy - Cairo

Sept. 2018 – June  
2022

Bachelor degree in computer science.

## PROFESSIONAL EXPERIENCE

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### Freelancer

*BackEnd Developer*

August 2022

- As a freelancer backend developer, I developed APIs for the iOS and Android platforms using PHP, Laravel, and MySQL.

### X Studio

*Full Stack Developer*

January 2024

- As a Full Stack developer, I developed APIs for the iOS and Android platforms using PHP, Laravel, and MySQL. I also created dashboards for managing the system using open-source HTML templates. I utilized my skills in PHP, Laravel, and MySQL to create a seamless backend system.

### AstraTech

*BackEnd Developer*

May 2024

- I developed APIs for the iOS and Android platforms using PHP, Laravel, and MySQL. I also created dashboards for managing the system using open-source HTML templates. I utilized my skills in PHP, Laravel, and MySQL to create a seamless backend system.

## PROJECTS

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### Mapping Tool Website ([GitHub](#))

Full Stack Developer

- Developed a comprehensive mapping tool designed to manage references and related terms, validate data through Excel imports, and dynamically merge data. Key functionalities include:

#### Reference and Related Tables Management:

- Created tables to store references and related terms with unique validation codes.
- Enabled importing of references and related terms from Excel files with validation checks.

#### Excel Sheet Import and Validation:

- Implemented functionality to import Excel sheets.

- Built validation logic to cross-check imported data against stored references and related terms.

#### Dynamic Data Merging:

- Developed a dynamic merging feature allowing users to select and merge Excel sheet headers.
- Integrated total count and calculation features for selected headers.

#### Technologies Used:

- Backend: Laravel PHP framework for robust application structure and database management.
- Frontend: JavaScript and jQuery for dynamic and interactive user interfaces.
- Data Handling: Yajra Datatables for efficient data display and manipulation.

Excel Integration: Libraries for Excel import and export to facilitate data management tasks.

## Quiz App Application ([GitHub](#))

### Backend Developer

- A web application designed for educational purposes, allowing teachers to create and manage quizzes, and students to take these quizzes and receive grades.
- Teachers can create quizzes with various types of questions (multiple choice, true/false, etc.), specify any number of questions, generate a link, and share it with students.
- Students can solve quizzes and receive grades instantly.
- The system provides teachers with a dashboard to view all quizzes, student details (names, emails, grades, time taken), and allows them to edit grades by reviewing the student's answers.
- Teachers can also edit specific quizzes they created and update question details as needed.
- The application is built using PHP, Laravel, and MySQL for the backend, and HTML, CSS, and JavaScript.

## EgyCam Application ([GitHub](#))

### Backend Developer

- A mobile app on Android & IOS for hiring camera operators and creating marketing materials for special events from EgyCam company.
- I developed the APIs for the iOS and Android platforms using PHP, Laravel, and MySQL. I also created the dashboard for managing orders and all other system entities using HTML, CSS, and JavaScript.

## Perfume Application ([GitHub](#))

### Backend Developer

- A mobile app on Android & IOS for order perfume online.
- I developed the APIs for the iOS and Android platforms using PHP, Laravel, and MySQL, Livewire, Spatie. I make a dashboard for app with filament with all services for admin.

## Food Club website ([GitHub](#))

### Backend Developer

- A website for ordering food like Talabat.
- I developed the backend using PHP and integrated it with a Firebase database. I also built the website using HTML, CSS, and JavaScript, fully integrated with the backend.

## School management system website ([GitHub](#))

### Full Stack Developer

- A website for school to manage students, parents, teachers and admins.
- I developed using PHP, Laravel, and MySQL, Livewire, Spatie translatable and Mcamara
- This project is for a school and includes login functionalities for students, teachers, parents, and admins. Each user type has specific access rights to view and edit information. For example, teachers can create exams, students can view this exam and do it on their dashboards, and the admin has full permissions over everything in the system.

## Rora Application ([GitHub](#))

### Full Stack Developer

- I developed the APIs for the iOS and Android platforms using PHP, Laravel, and MySQL and Spatie.
- I make a dashboard for all services that admin need to see in applications with carts to all analysis of customer, calls and call request.
- Admin can make recharge cards from it to be usable for customer in application and many other services.

## Chat Website ([GitHub](#))

### Full Stack Developer

- A website for Chatting, Communication project between two people
- Tools: I using Pusher, Laravel, JavaScript, HTML and CSS.

## SKILLS

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**Programming languages:** PHP, Laravel, JAVASCRIPT, C#, JAVA, MYSQL, HTML, CSS, Firebase

**Languages:** Arabic (Native), English ( Good )