

# Magdi Khaled Kelany

Software Engineer | Front End Developer

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## SUMMARY

**Front-End Developer | Fresh Graduate** with over a year of experience designing and developing responsive, user-centric web applications. Proficient in modern front-end frameworks like **Vue.js**, along with solid back-end knowledge. Passionate about solving problems, collaborating in teams, and delivering scalable, high-performance solutions to meet business goals.

## EXPERIENCE

### Freelance Front-End Developer

February 2023 - Present

*Freelancer Platform Projects*

- Delivered 15+ projects for global clients, achieving a 96% client satisfaction rate.
- Improved website performance by up to 30% using HTML5, CSS3, JavaScript, jQuery, Bootstrap and Tailwind CSS.
- Created reusable components in Vue.js, enhancing development speed by 25%.

### SGT Company

November 2023 - January 2024

*Web Developer Intern*

*Remote*

- Developed responsive interfaces for 10+ projects, leveraging Vue.js, Tailwind CSS, and JavaScript, improving user engagement metrics by 20%.
- Designed and implemented RESTful APIs with Node.js and Express.js, reducing API response time by 35%.
- Maintained PostgreSQL and MongoDB databases to handle user interactions, supporting applications with 1 k+ daily active users.

## EDUCATION

### Cairo University – Faculty of Computers and Artificial Intelligence

October 2020 - July 2024

*Bachelor of Computer Science*

- Gained a strong foundation in computer science concepts, including programming, software engineering, networks, operating systems, and data structures.
- Developed effective teamwork and collaboration skills through various projects and courses.
- Enhanced abilities in communication, task delegation, and achieving collective goals, preparing for success in professional environments where teamwork is essential.

## ACHIEVEMENTS

### RMS Company

October 2021 - February 2022

*RMS Training Diploma*

- Diploma in Programming Fundamentals C++ , OOP, Data Structures, Algorithms) in 4 Months
- Learned C++ programming language
- Learned the basics of object-oriented programming, encapsulation, abstraction, inheritance, and polymorphism
- Learned data structures and understand basic concepts like Arrays, Linked-Lists, Stacks, Queues, Set, Map, Graphs and Trees

This knowledge enhances my problem-solving skills

### ICPC Competition

15 August 2023

*ECPC Participant*

- I have participated as a problem solver contestant in ECPC 2023
- Over 600 problems solved on various problem solving sites like Codeforces, Leetcode, Vjudge.

## SKILLS

- **Languages:** HTML5, CSS3, JavaScript, jQuery, Ajax, TypeScript, Python, C#, C++, Java
- **Technologies/Frameworks:** Vue.js, Vuex, Tailwind CSS, Bootstrap, Node.js, Express.js, RESTful API, Spring Boot
- **Database Management:** MongoDB, PostgreSQL, Microsoft SQL Server, MySQL
- **Developer Tools:** VS Code, Figma, Git/GitHub, Webpack, Socket.io
- **Soft Skills:** Teamwork , Collaboration, Problem-Solving, Self-Learning.

## PROJECTS

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- **Graduation Project (Darb System)**

- Educational Management System (Darb) facilitates connections between the administration and numerous schools under its purview.
- Darb system aims to streamline and expedite the enrollment process for parents, whether it's with their child's specific school or the overarching administration.

Built with *Vue.js, Tailwind CSS, PHP Laravel, phpMyAdmin and ML Models : NN & CNN-Models*

- **E-commerce Website (SHOP.CO)**

- Designed online shopping (Fashion) store that view sellers' fashion products for sell .
- Seller account can add, update or delete products for sell.
- Customer have many features view his [Orders ,returned Orders, Payment Cards, Monthly QR Code for discount] and can order any product from the website.

Built with *Vue.js, Tailwind CSS, Node.js | Express.js and mongodb*

- **Human Resources Website**

- provide tools and expertise to streamline recruitment, employee management, payroll processing, and compliance. Whether you're hiring, managing, or building workplace culture, our platform supports your HR needs with ease and professionalism.

Built with *Html, CSS, JS, Bootstarp, python Django and sqllite3*

- **Online Payment (FawryPay Instance)**

- Each user can pay for any available service in the system, such as internet recharge or landline bill.
- Payment with the user's wallet or credit card, and making discounts for users.

Built with *Java Spring boot, Postman, use case, class and sequence diagrams, Solid principles and design patterns.*

- **Parking Payment System**

- Developed a system offering ways for available slots to park your can in such as best fit slot dimension for the car or first available slot.
- Calculating fees based on duration for the parked car.

Built with *Java, Use case diagram, Class diagram, Sequence diagram, Solid principles and Design patterns.*

- **Connect 4 AI Agent**

- Developed an AI agent to play Connect 4 using Minimax and Alpha Beta algorithms.
- Implemented the solution in Python to ensure optimal performance and accuracy.

Built with *Python*

## LANGUAGES

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- **ENGLISH:** Advanced
- **Arabic:** Native