

ABDELRAHMAN AYMAN

Nasr City, Cairo, Egypt · +201065806732

abdelrahman.ayman8642@gmail.com · [linkedin.com/in/abdelrahman-ayman-646817202](https://www.linkedin.com/in/abdelrahman-ayman-646817202)

I am a highly motivated and skilled computer science professional with a strong background in software development. Possessing a solid educational foundation in computer science and one year of professional experience as a full-stack software developer. Demonstrated expertise in developing and implementing software solutions, as well as collaborating with cross-functional teams to drive successful project outcomes. A quick learner with a passion for leveraging technology to solve complex problems and improve user experiences. Strong analytical and problem-solving skills combined with excellent communication and teamwork abilities. Committed to staying updated with the latest industry trends and continuously expanding knowledge to deliver innovative solutions.

EXPERIENCE

JUL/2022 – MAY/2023

JUNIOR SOFTWARE DEVELOPER, TMENTORS

- Develop and build web apps from scratch using technologies like react, Django, nextjs.
- Work with senior engineers to manage complex design projects for corporate clients.
- Design, create, and maintain the database structure of web applications. This includes defining schemas, creating tables, optimizing queries, and ensuring data integrity and security.
- Complete detailed Robotic Process Automation tasks, web scarping and test scripts in python.
- Prepare & Analyzing data and using of data storytelling to establish dynamic reports and live dashboard using Powerbi.
- Using my database knowledge to form an optimized unified relational data profile in postgres from more than 4 billion separated documental records like csv, text files, json objects.

INTERSHIPS

APR/2022 – JUL/2022

SOFTWARE DEVELOPER, TMENTORS

- Collaborate with designers and backend developers to translate design mockups into functional user interfaces using HTML, CSS, JavaScript and Reactjs. Ensure the UI is visually appealing and optimized for performance.
- Building reusable components and front-end libraries for future use.
- Translating designs and wireframes into high quality code
- Optimize front-end code to improve page load times and overall performance. Employ techniques such as caching, and lazy loading to enhance the user experience.

EDUCATION

2019-2023

COMPUTER AND INFORMATION SCIENCE, AIN SHAMS UNIVERSITY

SKILLS

- Proficiency in programming languages such as Python, C++, JavaScript, Typescript. And has the ability to write clean, efficient, and maintainable code.
- Strong analytical and problem-solving skills to resolve issues in software development.
- Understanding of data structures and algorithms to efficiently manipulate and process data.
- Familiarity with the various stages of the SDLC. Also, Experienced with agile methodologies.
- Strong knowledge of relational databases (e.g., MySQL, PostgreSQL, SQLite) and experience with SQL for data manipulation, querying, and database design. Also, familiarity with NoSQL databases (e.g., MongoDB)
- Understanding of web technologies and experienced with frontend frameworks/libraries (e.g., React) and backend frameworks (e.g., Django, Node.js)
- Knowledge of software testing principles and methodologies to write unit tests, conduct integration testing, and perform debugging.

ACTIVITIES

ACM ascis (Associated with Ain Shams University)

Trainee · Sep 2019 - Feb 2021

I have completed the 2 levels and had pleasure to be taught by amazing mentors which made topics like Recursion and Backtracking - Dynamic Programming - Graph Theory - STL and more very easy. And it was an excellent introduction to competitive programming.

CERTIFICATIONS

- Frontend expert certificate AlgoExpert
- Meta Front-End Development professional certificate
- Python for Everybody Specialization
- Meta Database Engineer Professional Certificate
- Google UX Design Professional certificate