

AYA AMIR

FULL-STACK SOFTWARE ENGINEER

CONTACT

+20 103 251 2446

Aya_20225011@fci.helwan.edu.eg

<https://ayaam1r.github.io>

TECH STACK

Languages & Frameworks: C, Java, Python, JavaScript, TypeScript, HTML, CSS

Frontend: React.js, Angular, Next.js, Tailwind CSS, Bootstrap, Flutter / Dart

Backend: Node.js, PHP Laravel, ASP.NET Core

Databases: SQL Server, MySQL, MongoDB, Oracle

Tools: Git, GitHub, PowerBI, Postman, Insomnia, VS Code, Android Studio

EDUCATION

Helwan University

2021-2025

B.Sc. in Computer Science - Software Engineering

GPA: 3.57 / 4.0 with Honors

PROFILE

Full Stack Software Engineer, leveraging expertise in building, optimizing, and maintaining scalable web applications using modern frameworks and technologies such as Laravel, React, Node.js, and SQL. Skilled in both front-end and back-end development, database design, and API integration, with a strong focus on writing clean, efficient, and maintainable code. Experienced in collaborating with cross-functional teams to deliver high-quality solutions that meet business needs and enhance user experience. Passionate about continuous learning, problem-solving, and developing reliable software that drives company growth and innovation.

EXPERIENCE

IT Intern – Banque Du Caire

Summer 2024

Attended daily lectures provided by the bank's IT Team where we were taught technical skills including, Robotics Process Automation (RPA), Data Analytics, CyberSecurity, Database Systems & Management and more.

Collaborated with fellow teammates to develop, present and execute a successful design for a new customer service feature.

PROJECTS

BrickInvest – Real Estate Web App (Graduation Project)

React, ASP.NET Core, SQL Server, Python (AI features), Tailwind CSS

- Built full-stack web platform for real estate listing & investment simulation
- Integrated AI-based price prediction and recommendation system
- Swipe for payments and Flask api for connecting AI components to the system

Bookstore Web App

Laravel, MySQL, Bootstrap

- Built an online bookstore with admin panel, book catalog, cart & checkout
- Managed user authentication and CRUD operations

PROJECTS

Uber-like Ride Sharing Web App

React.js, .NET Core, MySQL

- Developed a ride booking and driver matching system with secure login
- Implemented RESTful API and dynamic location updates

Restaurant Ordering Web App

Angular, Node.js, MongoDB

- Created ordering and delivery app with admin and customer portals
- Implemented payment simulation and order tracking

I also regularly work on personal projects to enhance my development skills — available on my GitHub portfolio.