

AbdulRahman Mohamed Khawaga

Full-Stack Developer

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github github.com/AbdulRahmanKhawaga

abdulrahmankhawaga.github.io/Portfolio/

Profile:

Motivated and energetic Full Stack Developer with a solid foundation in PHP and web technologies. Skilled in web development, backend and frontend development, AI, and bioinformatics. Seeking a role to apply and grow my skills while contributing to impactful projects in a dynamic, growth-focused environment.

Education:

University of Sadat City.

[Sep. 2020 – Jun 2024]

Bachelor of Computer & Artificial Intelligence, Bioinformatics. **CGPA:**3.71 **Grade:** Excellent with Honors

Graduation Project: Coronary Artery Stenosis Detection with Path Planning

Grade: Excellent

Experience:

Front-End & Programming Instructor

Discovery Academy for Science & Technology.

Menoufia, Egypt

[Nov 2024-Mar 2025]

- Taught HTML, CSS, JavaScript, Python, and front-end frameworks.
- Created curriculum on responsive design and modern web practices

- Delivered ICDL training for digital literacy
- Provided feedback to support student development.

Internships:

Full-Stack using PHP (Intensive Code Camp)

[Mar 2025-Present]

Information Technology Institute (ITI)-New Capital branch

New Capital, Egypt

- Built full-stack apps with PHP, Laravel, and JavaScript frameworks.
- Worked in teams to deliver technical solutions
- Designed databases and integrated RESTful APIs

Back-End Developer (PHP Laravel) Intern.

[Jul 2024-Mar 2025]

Top Business

Menoufia, Egypt

- Developed back-end features using PHP and Laravel.
- Designed relational database schemas and implemented RESTful API integrations using Laravel and MySQL.
- Worked in teams to deliver scalable web solutions.

Skills:

Programming Languages:

- JavaScript (JS), TypeScript (TS), PHP, Python, Java, C++, R.

Personal Skills:

- Adaptable team collaborator with leadership capabilities
- Excellent stress management and problem-solving abilities
- Strong interpersonal and communication skills
- Relationship-building and cross-functional collaboration

Web Development:

- HTML5, CSS3, Bootstrap, Apache
- Front-End: Angular
- Back-End: Laravel, Django, Node.js
- RESTful APIs, CRUD Operations, Authentication

Databases:

- MySQL, SQL, MongoDB

Cloud & DevOps:

- AWS (Foundations), Docker, Linux, Apache

Languages:

- **Arabic:** Native
- **English:** Upper-Intermediate (B2)

Tools & IDEs:

- Git, PhpStorm, PyCharm, R Studio, Visual Studio, IntelliJ, Postman

Projects:

- **EasyLab – Laboratory Management System**

Angular + NestJS full-stack project integrating MySQL and AI. Enables lab test management, patient tracking, and anemia prediction using AI models.

- **Book Shelf – Online Bookstore**

MEAN stack (MongoDB, Express.js, Angular, Node.js) project allowing users to browse, purchase, and manage books online with full cart and order support.

- **Debt Collection Management System**

Laravel-based web application for managing client debts, invoices, and payment tracking in debt collection companies.

- **E-commerce Platform**

Responsive web store built with HTML, CSS, and vanilla JavaScript featuring product listings, shopping cart, and checkout functionality.

- **World of Watches Website**

Full-stack e-commerce platform developed using HTML, CSS, Bootstrap, and PHP to manage watch sales, customers, and orders.

- **University Management System**

Java-based desktop application with a GUI for handling university student records and administrative tasks.

Publications:

- "Anemia Diagnosis and Prediction based on Machine Learning" (https://kjis.journals.ekb.eg/article_327328.html)

Training & Courses & Certificates:

- Full Stack Development using PHP – ITI, Knowledge City (Feb 2025-Mar 2025).
- Web Development training – Top Business, Egypt (Jul 2024-Mar 2025).
- Machine Learning/Artificial Intelligence – ITI (Oct 2023).
- Proteomics and Metabolomics – 57357 Hospital (Aug 2023).
- AI in Drug Discovery – SRGE (Jul 2023).
- Web Development using Python – ITI (Feb 2023).
- Protein Identification and Isolation – SRTA-City (Feb 2023).
- AI in Healthcare – 57357 Hospital (Feb 2023).
- Introduction to Bioinformatics – H3ABioNet (Nov 2021).
- Introduction to Web Development – ITI (Oct 2021).

Certifications: drive.google.com/drive/folders/1znpnYSKF-BsV-qhSAdb8YqqYI2Ke-1LP

Extracurricular Activities:

- Head of Development Committee, "Students for Egypt" Group (2023/2024)
- Head of Cultural Committee, College Level (2022–2024)
- Participant – 10th National Ideal Student Summit (2023/2024)
- Active Member – Resala Charity Organization