



Khaled Wasef

I'm [Engl](#)



About

Electrical engineering student specialized in software and control, with strong skills in smart systems development and embedded programming. Experienced in IoT and web integration projects. Eager to apply my knowledge to real-world solutions that combine control systems and software for medical and industrial fields.



Software Engineer & Web Developer.

A tech enthusiast blending code with circuits to build smart, impactful solutions – where creativity meets functionality.

- > **Birthday:** 3 sep 2004
- > **Age:** 21
- > **Website:** <https://khaledwasef.github.io/khaled/>
- > **Degree:** Bachelor
- > **Phone:** +201 613 5969
- > **Email:** khaledwasef56@gmail.com
- > **City:** Kafr El Sheikh, EGY
- > **Freelance:** Available

CV

I believe that continuous learning and hands-on experience are the keys to excellence. Therefore, I strive to constantly improve myself and turn ideas into tangible applications.



40

Happy Clients



70

Projects



854

Hours Of Support

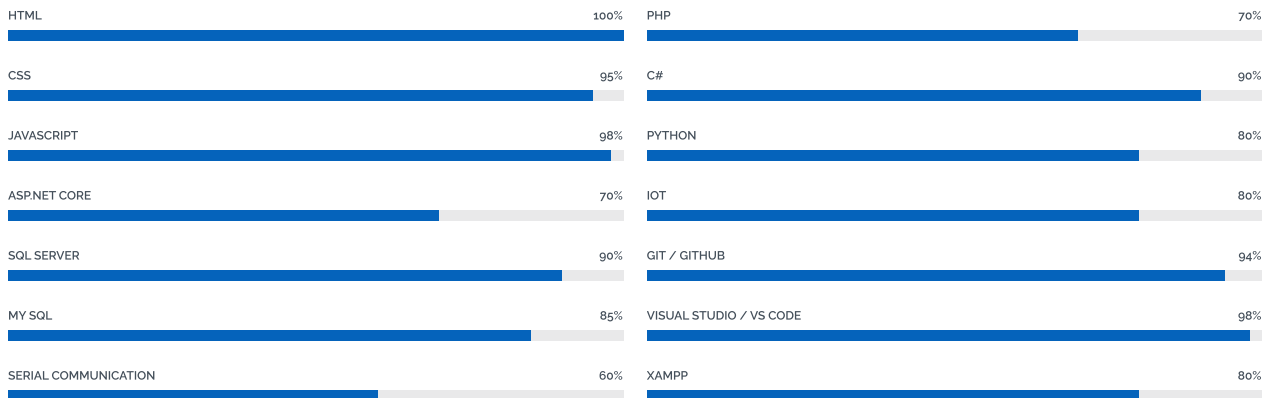


4

Hard Workers

Skills

Here are some of the tools, technologies, and skills I've gained through hands-on experience and continuous learning:



Resume

Here you'll find a brief overview of my educational background, technical skills, personal projects, and professional experiences. I'm passionate about continuous learning and building real-world solutions that combine creativity with functionality. My journey reflects a commitment to growth, problem-solving, and turning ideas into tangible outcomes.

Summary

KHALED WASEF

Tech enthusiast blending electronics with code to craft impactful solutions. From wearable health tech to web dashboards, I build things that speak both function and form.

Professional Experience

VITAL TECH PROJECT DEVELOPER

2024 - Present

📍 Kafr El Sheikh, Egypt
📞 +20 101 613 5965
✉ khaledwasef56@gmail.com

Education

B.S.C. IN ELECTRICAL ENGINEERING – COMPUTERS AND CONTROL DIVISION

2022 – Present

Higher Institute of Engineering and Technology, Kafr El Sheikh, Egypt

Focusing on embedded systems, control engineering, and software development. Gaining hands-on experience through academic projects, technical training, and self-learning initiatives.

- Designed and developed a smart wearable T-shirt integrating ESP32 microcontroller with sensors such as MAX30100, MPU6050, and GPS for real-time health monitoring.
- Led a multidisciplinary team of 10 members, coordinating tasks and ensuring smooth project progress.
- Managed quality control of graphic and hardware design materials to guarantee precision and high standards.
- Oversaw project budget management, optimizing resources within budgets ranging from \$500 to \$3000.
- Implemented wireless data communication and developed a web dashboard for live health data visualization.

WEB DEVELOPMENT INSTRUCTOR

2025 - Present

Higher Institute For Engineering and Technology, Kafr El Sheikh, EGY

- Selected as a student instructor for HTML, CSS, and JavaScript.
- Delivered live sessions and prepared interactive content for junior students.
- Guided classmates through practical web projects and debugging.

TEAM LEADER – "TECHNO" TEAM

2022 - Present

Higher Institute For Engineering and Technology, Kafr El Sheikh, EGY

- Led a 10-member engineering team on academic and applied projects.
- Delegated tasks and set work priorities to ensure deadlines and quality standards were met.
- Supervised planning, execution, and evaluation phases of projects to ensure objectives were achieved.

Portfolio

A showcase of my best projects, reflecting creativity, technical skills, and problem-solving abilities. Explore my work to see how I bring ideas to life through design and code.

All

Desktop Applications

IOT

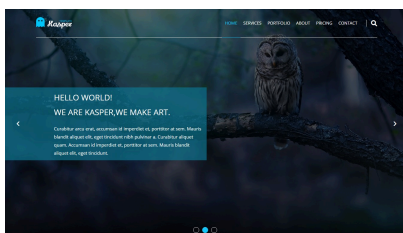
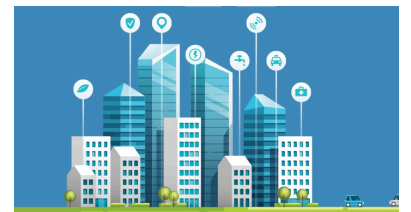
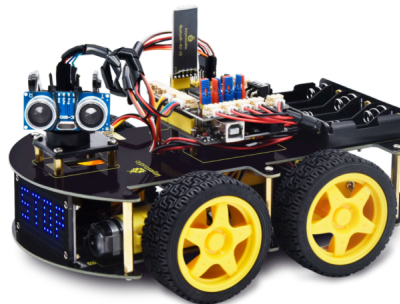
Web

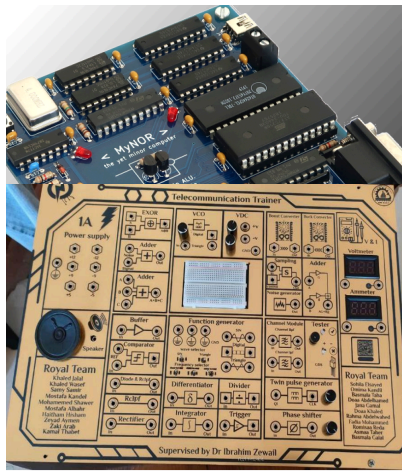
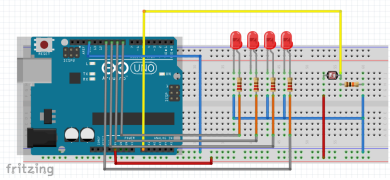
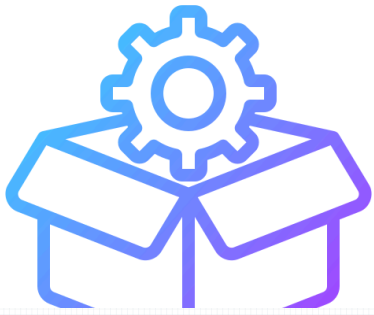
Embedded System

Electronics



GINX





Services



Smart Systems Development

Programming projects based on ESP32 and Arduino, Developing smart clothing such as smart T-shirts for measuring vital signs, and Integrating sensors (e.g., MAX30100, MPU6050, GPS).



Web Development

Creating interactive websites using PHP, ASP.NET, HTML/CSS, and JavaScript, Designing dashboards to display sensor data, and Connecting smart devices to the web for real-time data visualization.



Control & Communication Systems

Programming robots controlled via Bluetooth or Wi-Fi, Designing electronic circuits for motor and sensor control, and Projects based on sensing and motion tracking.



Desktop Application Development

C# Windows Forms or WPF applications for data management, Multi-user login systems (Admins – Users), and Connecting applications to databases or data structures.



Electronics & Educational Services

Preparing electronic or software graduation projects, Designing educational kits for learning electronics or electromagnetic fields, and Providing technical content and workshops for students.



Technical Consulting & Project Management

Offering professional consulting on electronics and software projects. Managing project timelines, resources, and team collaboration. Providing tailored solutions to meet client requirements and ensure project success.

Contact

We're here to help! Reach out to us through any of the following methods



Address
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Your Name

Your Email



Call Us
+2010 1613 5969



Email Us
khaledwasef56@gmail.com

Subject

Message

Send Message

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