KHALED WASEF

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SUMMARY

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.

WORK EXPERIENCE

Vital Tech Project Developer   Feb 2024 - Present

- Designed and developed a smart wearable T-shirt using ESP32 and sensors (MAX30100, MPU6050, GPS).
- Built a custom web interface using PHP and GitHub Pages for real-time data display.
- Added alert features (like buzzers) for abnormal vital signs.

Web Development Instructor   Feb 2025 – Present

- 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   Oct 2022 - Present

- 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.

EDUCATION

Bachelor of Science in Electrical Engineering (Software and Control specialization)
Higher Institute of Engineering and Technology, Kafr El Sheikh   **Expected Graduation: 2026**

- Gained strong skills in embedded systems, programming, control systems, and sensor integration through coursework and practical projects.
- Developed teamwork and project management experience by participating in various engineering activities and competitions.
- Applied theoretical knowledge to real-world problems through hands-on projects, enhancing problem-solving and technical skills.

ADDITIONAL INFORMATION

- **Technical Skills:** Programming (C, C++, Python, C#), Embedded Systems (ESP32, Arduino, sensors), Web Development (HTML, CSS, PHP, ASP.NET,JS, react.js,....), Bluetooth & Wi-Fi communication, Robotics & Control Systems, Tools (Visual Studio, XAMPP).
- **Languages:** Arabic: Native ,English: Intermediate (reading, writing, speaking), and French: Basic.