



AHMED ESSAM

+9647701773452

34asqf@gmail.com

بغداد 87MP+9HH

EDUCATION

**BSc in Control and Systems
Engineering University of
Technology - Baghdad**

2025-2021

SKILLS

ESP32 Programming

Arduino Programming

PLC (Basic)

MATLAB & Simulink

IoT Prototyping

Web Development (HTML/CSS)

MySQL (Basic)

Team Collaboration

LANGUAGE

Arabic

English - Intermediate

About Me

Passionate about automation, IoT, and web development. Experienced in Arduino and ESP32-based projects, with a strong background in teaching students from various academic levels. Enjoy creating smart control systems and experimenting with real-world tech applications.

WORK EXPERIENCE

Freelancer – Technical Projects Developer
2024 – Present

Developed multiple Arduino automation projects for learning and experimentation.

Designed and built various home devices such as protection systems and change-over units.

Gained hands-on experience working in a shop specialized in medical equipment.

Simulated and tested control systems using MATLAB/Simulink.

ACADEMIC PROJECTS

Smart Vehicle System (Graduation Project):

Integrated sensor-based navigation, PWM speed control, and wireless control via a web interface.

Project link: <https://a7med-uot-project.netlify.app/index.html>

Participated in university project exhibitions showcasing innovative control and IoT applications.

Attended and contributed to technical workshops focused on IoT and control systems.