




AHMAD SHWAN


SOFTWARE DEVELOPER


CONTACT


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 Shorsh, Erbil , Iraq

 [Ahmad Shwan](#)

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SKILLS

Programming Languages: Python, JavaScript, C++, SQL, Java, PHP

AI & Machine Learning: Computer Vision, NLP, Chatbots, YOLO, OpenCV

Web Development: Vue.js, Flask, Tailwind CSS, Laravel

App Development: Flutter

Database & Backend: Firebase, MySQL

EDUCATION

Bachelor of Computer Education at TIU

TISHK International University, Erbil

Jan 2023 - Present

Exchange Program

Brandenburg Technical University, Germany

Courses: Metaverse, Fundamentals of Interactive Media, Scientific Writing

March 2024 - October 2024

LANGUAGES

Kurdish

Arabic

English

PROFILE

A highly motivated software developer with expertise in AI, web development, mobile development, and computer vision. Passionate about building intelligent systems and advancing AI applications for the Kurdish language. As the Head of Technology & Innovation at KKYO and Student Representative at CED, I have honed my leadership, teamwork, and communication skills by managing teams, delivering technical presentations, and collaborating on impactful projects.

Work Experience

Korea Kurdistan Youth Organization(KKYO)

Head of the Technology & Innovation Department (DEC 2024 – Present)

- Leading the Technology & Innovation Department at KKYO.
- Developed the KKYO Website & Admin Heads Server (Vue.js & Flask).
- Managing tech-driven initiatives to enhance digital transformation.

Soft 4 U Company, Erbil, Iraq

Front End Developer (Jan 2025 - Present)

- Developing and maintaining front-end components of various web applications.
- Collaborating with design and backend teams to enhance user experience.
- Ensuring the technical feasibility of UI/UX designs.

Computer Education Department, TIU, Erbil, Iraq

Student Representative (October 2024 – Present)

- Representing all Computer Education students in academic and administrative discussions.
- Acting as a liaison between students and faculty, addressing concerns and improvements.
- Organizing student meetings, workshops, and departmental activities.

Optimal Source Development, Code Lab Erbil, Iraq

Assistant Lecturer Intern(October 2024 - December 2024)

- Assisting in teaching Scratch programming to children and teenagers, fostering early interest in coding and problem-solving.
- Supporting classroom activities, answering student queries, and assisting with practical exercises to ensure a hands-on learning experience.

Pirmam Company, Erbil, Iraq

Front End Developer Intern (August 2024 - October 2024)

- Assisting in the development of user interfaces for client projects.
- Gaining practical experience in web technologies and development tools.
- Participating in team meetings and contributing to project discussions.

EXTRACURRICULAR ACTIVITIES

ICOWOBAS 2025 – Presenter, Malaysia

Presented two AI papers: Nozhdar (Kurdish nutrition monitoring) and MemoryMate AI (elder-care assistant).

ICASEE 2025 – Speaker, Erbil

Presented two AI research projects:

- Let Me Pass – AI-based traffic and access control system.
- CAMK – Kurdish scientific platform for AI data collection.

NAYRIC 2024 – Research Contributor

Conducted research on:

- Face Detection Attendance System
- Digitizing the Culture of Erbil's First School

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PROJECTS

Gym Management System – Laravel (2025)

- Developed a complete gym system with dashboards for Admin, Trainer, and User
- Included workout scheduling and user progress tracking

Multi-language Dynamic Menu Builder – Laravel (2025)

- Built a fast, multilingual restaurant menu system using Laravel (Kurdish, Arabic, English)

KKYO Volunteer System – Laravel (2025)

- Created a system to manage volunteers, department heads, and event-based point tracking

Halabja Memorial Website

- Developed a memorial website for Halabja's history
- Integrated a 3D monument view for interactive exploration

Nice Village App – Backend (Flask & Firebase)

- Connected Flutter frontend with Flask API and Firebase backend
- Enabled real-time data, authentication, and performance-optimized APIs

Dynamic Menu UI – Vue.js

- Built a responsive, real-time menu interface using Vue.js, Tailwind CSS, and JavaScript

KKYO Website & Admin Panel

- Created the KKYO website and admin portal (Vue.js + Flask)
- Improved coordination among department heads – www.kkyo.org

TIU AI Chatbot

- Built a multilingual (Kurdish, Arabic, English) chatbot for TIU's Computer Education Department

Let Me Pass – ICASEE 2025

- Designed an AI-based access system to automate secure entry using Python and ML

Chemk – Academic Social Platform

- Co-founded a Kurdish academic platform (Vue.js, Laravel, Flutter)
- Focused on increasing Kurdish content to support AI training

TRAINING & WORKSHOPS

HTML & CSS Web Development Training (Trainer) – TIU, Erbil, Iraq (January 2024 – February 2024)

- Organized & led training for Computer Education students at TIU.
- Objective: Helped students develop front-end web development skills.
- Gained valuable teaching & mentoring experience.

C++ Programming Language Training (Trainer) – TIU, Erbil, Iraq (March 2024 – April 2024)

- Designed and conducted introductory & advanced C++ sessions.
- Objective: Improved students' understanding of programming logic & problem-solving.
- Enhanced teaching, presentation, and communication skills.

AI Bootcamp (Participant) – UKH, Erbil, Iraq (October 2024 – December 2024)

- Intensive training on AI applications, problem-solving, and project-based learning.

AWARDS

- Second Place: Developed a sign language to text program, winning second place in the 7th International Spring Festival at Tishk International University 2024.
 - Ranked top 2nd student in the Computer Education Department at TIU with a high GPA.
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