

AKAM NAWZAD OTHMAN

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EDUCATION

University of Kurdistan - Hewlêr (UKH) <i>Bachelor of Science in Software Engineering</i>	Erbil, Iraq 2021 – Present
Ovanya AI Bootcamp <i>Intensive training in AI/ML, neural networks, and practical AI applications</i>	Erbil, Iraq 2024
Paramount (English-medium) High School <i>Top 6%, 94.33/100 at National Baccalaureate Exams</i>	Erbil, Iraq 2020 – 2021

EXPERIENCE

Web Developer <i>Freelance</i>	Erbil, Iraq 2024 – Present
<ul style="list-style-type: none">– Designed and developed responsive websites for local businesses including London Towers Erbil– Focused on clean UI design, optimized performance, and cross-browser compatibility	
AI Research Assistant <i>UKH AI Center</i>	Erbil, Iraq Sept 2024 – Oct 2024
<ul style="list-style-type: none">– Collected and processed over 140,000 Kurdish news articles using web scraping techniques (Beautiful Soup, Scrapy)– Created datasets for NLP research and assisted with model training for Kurdish language processing	
Frontend Developer Intern <i>Standing Tech</i>	Erbil, Iraq July 2024 – August 2024
<ul style="list-style-type: none">– Maintained websites for the business	

PROJECTS

KurdType <i>UI/UX Design, Web Development</i>	2025
<ul style="list-style-type: none">– Designed a platform for discovering and downloading open-licensed Kurdish fonts– Focused on clean, accessible typography and user-friendly experience for Kurdish content creators	
London Towers Erbil Website <i>Web Development</i>	2025
<ul style="list-style-type: none">– Designed and built a professional website for a local real estate development– Focused on clean design and responsive implementation to showcase property effectively	
Portfolio Website <i>Full Stack Development, UI/UX Design</i>	2025
<ul style="list-style-type: none">– Designed and developed a personal portfolio website, focusing on minimalism and clean, functional design inspired by Swiss design principles– Implemented responsive design for seamless user experience across all devices– Displayed various projects including Gorrer, KurdType, and other UI/UX designs– Hosted on GitHub Pages for easy access and visibility– Visit Portfolio Website	
Gorrer - Kurdish Transliterator <i>Python, Flask, Regex, UI/UX Design</i>	2025
<ul style="list-style-type: none">– Designed and developed a web tool that converts Kurdish text between Arabic and Latin scripts– Built with Flask and deployed as a serverless API on Vercel– Implemented complex linguistic handling including bizroke insertion for accurate transliteration	
Shakespeare Text Generation with GPT-2 <i>NLP, AI/ML, PyTorch, Transformers</i>	2024

- Fine-tuned GPT-2 on Shakespearean texts to generate stylistically accurate prose
- Utilized the Karpathy/tiny_shakespeare dataset and optimized hyperparameters for training
- Implemented text generation with configurable parameters, using HuggingFace Transformers

DarshnAI - Kurdish Essay Generator

2025

UI/UX Design, Google Gemini API

- Designed the interface and implemented Google's Gemini API integration
- Made AI text generation accessible to Kurdish users through intuitive UI

Kurdish News Corpus

2024

Web Scraping, Python, Data Processing

- Collected and processed over 140,000 Kurdish news articles using BeautifulSoup and Scrapy
- Created a valuable dataset for Kurdish NLP research during internship at UKH AI Center

GoErbil Website

2023

MySQL, PHP, HTML, CSS, UI/UX Design

- Designed and developed a tourism website to showcase attractions and services in Erbil
- Implemented database integration for dynamic content management
- Created responsive design to ensure optimal viewing across devices

SKILLS

Natural Languages: Sorani Kurdish (Native), Kurmanji Kurdish (Fluent), English (Fluent), Arabic (Intermediate)

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

Frontend: HTML/CSS, JavaScript, Vue.js, UI/UX Design, Figma, Tailwind CSS

Backend & Databases: Python, Flask, PHP, Node.js, Express.js, REST APIs, MySQL

AI & Data Science: Machine Learning, Deep Learning, NLP, Data Science, Transformers, HuggingFace, PyTorch, TensorFlow, Pandas, Web Scraping (BeautifulSoup, Scrapy), Regex

Tools & Technologies: Git/GitHub, Google Cloud, Vercel, Netlify, npm/yarn, Postman