Mohammad KaraBala

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About me

I am a versatile Full Stack Developer with a strong background in building scalable, efficient web applications and managing complex data workflows. My experience includes creating clean database structures, implementing seamless file management systems, and delivering user-friendly interfaces. I focus on writing clean, maintainable code and ensuring efficient server configurations for optimal performance.

I am highly organized, detail-oriented, and thrive under pressure while consistently meeting deadlines. I enjoy working in collaborative environments with diverse teams and bring a positive attitude to all projects. I am looking for a creative, challenging, and growth-oriented position to leverage my skills and contribute effectively.

Work experience

Full Stack Developer | Annecto Company | London, United Kingdom

Developed full-stack web applications using React, Django, and Docker as part of a collaborative team.

Managed source control and project versions with Git, while effectively organizing tasks and meeting project deadlines.

Enhanced skills in documentation and team communication using Microsoft Teams.

Python & DevOps Developer | BeinMedia | Kuwait

Designed and implemented scalable scraping pipelines that harvest data from virtual mobile environments (emulators/simulators), ensuring reliable collection under varying network and UI conditions.

Built and maintained backend services and servers on Ubuntu, including deployment automation, monitoring and incident troubleshooting.

Wrote clean, well-tested Python code (modular, documented, with CI) to enable maintainable long-term operations.

Automated operational workflows (deployment, backups, log rotation, health checks) using scripts and tooling to reduce manual intervention and deployment errors.

Implemented monitoring and alerting to detect regressions and performance issues early; participated in on-call rotations and incident response.

Freelancing | Middle East Clients | 01/10/2022 - Current | Middle East

Expert in building scalable full-stack applications using Django (backend), React (frontend), and Docker (containerization).

Specialized in multi-language support (Arabic/English), integrations, and deployment on cloud platforms.

Proven experience in delivering custom solutions for e-commerce, FinTech, and enterprise applications, tailored to meet Middle Eastern client needs.

Strong focus on performance, security, and user experience, with flexibility in project execution and clear communication.

Education & Training

Computer and Automation Engineering | Damascus University | 15/09/2019 - 11/09/2025 | Damascus, Syria

Address: Airport Road, Damascus ,Syria

Web Development | Enmaa Charity Association | 31/05/2022 - 08/04/2023 | Rif Dimshq, Syria

Address: Muleha, Rif Dimshq, Syria

Language Skills

Mother tongue(s): **Arabic**

	Understanding		Speaking		Writing
	Listening	Reading	Spoken production	Spoken interaction	
English	C1	C1	B1	B1	C1

Skills

Microsoft Office | Google (Google Meet, Google Docs, Google Classrom, Google Forms, Google Drive, Google Slide)

Programming | Python | React Frame Work | Windows & Windows Server | SQL | Server Managment | Git | RESTful api | ADB commands | Object-Oriented Programming | LLMs | Linux & Linux Servers | JavaScript | XML

Programming Projects

Project For petrogistix Company

Developed a comprehensive employee evaluation system where employees can rate and evaluate each other on various performance metrics. The system allows employees to submit evaluations, which are then withdrawn at the end of each month.

Key features include:

Employee Accounts: Each employee has their own account for submitting and viewing evaluations.

Admin Account: Admins have full control over the system, including managing user accounts and overseeing evaluations.

Data Storage: Implemented using MongoDB for efficient storage of user data, evaluations, and related information.

Technology Stack: Built with Django for backend services and API development, React for the front-end interface, and MongoDB for database management.

This project utilized my expertise in React, Django, and MongoDB to deliver a functional and efficient system tailored to streamline employee performance evaluations. It was deployed and managed using modern best practices, ensuring scalability, security, and user-friendly interaction.

http://emp.petrogistix.com:4000/collections%20(STOPPED%20NOW)

Opreation & Maintainens UI

Team Workflow Automation Platform (Django, React, MySQL, Docker, Ansible)

Developed a web platform to automate team workflows using Django, React, and MySQL, featuring:

File Management: Users can upload, download, and track files on the server with automated cleanup processes.

Database Operations: Simplified adding, deleting, and updating records in the database.

Clean Code: Prioritized writing well-structured, maintainable code for long-term scalability.

Server Management: Utilized Docker for easy deployment and Ansible for streamlined server management and configuration.

Configuration Files: Employed TOML files for reading and updating admin user settings.

This project enhanced team efficiency, simplified server management, and ensured a seamless, user-friendly experience.

List Manager | 04/04/2024 - Current

List Manager Platform (Django, React, MySQL, Docker, Ansible)

Developed a comprehensive List Manager web application utilizing Django, React, and MySQL to optimize data management workflows. Key features include:

File Operations: Users can seamlessly upload, download, and manage files on the server, with built-in file tracking and automated cleanup.

Database Design: Built a clean and well-structured database with properly defined tables linked via foreign keys, ensuring data integrity and efficient relationships.

Database Management: Enabled easy addition, deletion, and modification of records using Django's Object-Relational Mapping (ORM) for streamlined data handling.

Clean Code: Focused on writing well-organized, maintainable code for long-term scalability and maintainability.

Deployment & Configuration: Implemented Docker for streamlined deployment and used Ansible for automated server setup and management.

Admin Configuration: Leveraged TOML files to store and update admin settings, providing flexibility in user configuration.

This project improved data organization, ensured a robust database structure, and provided a seamless user interface for efficient list management.

Speech-to-Text AI Project

Developed an AI-based speech-to-text application using Python, focused on converting audio recordings into accurate text transcriptions. The project included:

Audio Processing: Implemented advanced preprocessing techniques for noise reduction, audio normalization, and segmentation to enhance transcription accuracy.

AI Model Integration: Leveraged state-of-the-art speech recognition models for efficient and precise conversion of spoken language to text.

Deployment: Utilized Docker for containerization and successfully deployed the project on a server, ensuring scalability, reliability, and consistent performance.

This project improved audio data handling and provided a robust solution for converting sound to text, applicable in transcription services, voice commands, and accessibility tools.

https://github.com/KaraBala10/speech-correction-api

RAG AI Chatbot with LangChain and Ollama Models (Python, Chroma)

Developed a Retrieval-Augmented Generation (RAG) AI chatbot using LangChain and one of the advanced Ollama models to handle conversational tasks with enhanced accuracy. The project involved:

Arabic Data Integration: Utilized a custom dataset in Arabic, enabling the chatbot to understand and respond in the Arabic language effectively.

Chroma Database: Employed Chroma for efficient vector storage and retrieval, allowing the chatbot to quickly search and access relevant data from the Arabic dataset.

RAG Architecture: Implemented a hybrid model combining information retrieval with generative capabilities to provide factually accurate and context-aware responses.

Deployment: Deployed the chatbot as a scalable, containerized solution using Docker.

This project enhanced user interaction by providing a robust, multilingual chatbot capable of delivering accurate responses in Arabic, catering to diverse conversational and customer service needs.

du-fmee-results-bot

"alamaty" is a Telegram bot for FMEE results at Damascus University. It scrapes the official site, detects specialization, and displays marks, averages, and missing subjects in Arabic.

https://github.com/KaraBala10/du-fmee-results-bot

free-mtn-syria-streamer

Unofficial MTN Syria streaming client - Watch TV channels and movies for free without consuming mobile data. Educational project for learning purposes.

https://github.com/KaraBala10/free-mtn-syria-streamer

syria-location-database

Write here the contentSyria Administrative Data Processing A Python project that extracts and stores Syria's administrative divisions (Governorates, Cities, Districts, and Towns) from text files into MySQL and CSV. It prevents duplicates, supports Arabic-English translation, and includes an SQL view for easy queries.

https://github.com/KaraBala10/syria-location-database

cv-finder

CV-Finder is a simple platform where job seekers upload resumes, and companies search for candidates based on experience. Features include resume filtering, email reminders for updates, and a free-to-use model. Focused on efficiency and ease of use in job matching.

https://github.com/KaraBala10/cv-finder