

Brzane Barmaga

Front-end Engineer | AI Engineer

Seasoned and independent Web Developer with skill of programming to deliver an immersive and engaging user experience through efficient website development, proactive feature optimization, and relentless debugging. Very passionate about aesthetics and UI design



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EDUCATION

IT Engineering Damascus University

08/2018 - Present

Final Year (AI specialization)

PERSONAL PROJECTS

Hestia

- Web based restaurant management system
- Designed and developed responsive Front-end with HTML CSS, Bootstrap, jQuery and Vanilla JS
- Integrated with DataTable.js library to help with building required functionalities
- Allowed users to customize their experience throughout highly customizable UI
- Developed a CMS that allowed the user to customize his restaurant website

Smart Alert

- Smart Alert System for drivers based on computer vision and deep learning
- Developed the mobile app using Flutter and ML KIT tool
- Developed the Desktop App using python and mediapipe tool
- used pre-trained SSD model on custom data set and tensorflow object detection API to detect traffic signs

Breast Cancer Detector

- Achieved 86% accuracy aimed to speed up the diagnosis process
- Designed convolutional neural network that classifies mammogram photos into two categories benign and malignant

My Gym

- Fitness and exercises web app
- Developed a responsive Front-end with modern React 18 and Material UI
- integrated with Rapid API ExerciseDB to fetch more than 1000 exercise with practical examples and exercise details
- integrated with Rapid API youtube search to fetch similar exercises from youtube

Pizza Stars

- A restaurant landing page website
- Developed responsive Front-end with HTML CSS, Bootstrap, jQuery and Vanilla JS
- integrated with EmailJS library that allowed the user to contact with restaurant manager

SKILLS

HTML

CSS

JavaScript

TypeScript

ReactJS

Redux

Bootstrap

Material UI

jQuery

PHP

MySQL

Python

Machine learning

Tensorflow

Neural networks

Computer Vision

Django

GIT/GITHUB

C++

JAVA

Problem solving

Critical Thinking

Communication

Leadership

Team Work

CERTIFICATES AND COURSES

React - The Complete Guide Course

by Maximilian Schwarzmüller

Mastering React course

by Mosh Hamedani

Modern JavaScript

by Net Ninja

Front End Complete Guide Course

by Elzero Web School

LANGUAGES

Arabic

Native or Bilingual Proficiency

English

Full Professional Proficiency

Spanish

Limited Working Proficiency

INTERESTS

Machine learning

Robotics

Movies/series

Football