

ELADJ Salim Zakaria

FullStack Developer, Software & AI Engineer, DevOps
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LINKS

Github: <https://github.com/zaqks>
Portfolio: <https://zaqks.github.io>

MAIN SKILLS (2016-2024)

(+6 years of exp)

Mentoring & Workshops	Technical mentor at OpenMindsClub, Hackathons & Online CTFs participant, Fast, adaptive learner & problem solver
Programming & Scripting languages	Python, C, C++, Java, Bash, JavaScript, ASM, Dart, SQL, GoLang, HTML, CSS, JSON, XML, Git, Arduino
Frameworks	Django, Flutter, SpringBoot, Flask, ReactJS, TensorFlow, Keras, Tkinter, SDL, MongoDB, MariaDB, MySQL, PostgreSQL, Apache, Ngnix
Software	Filmora9, Inkscape, Solidwork2016, Audacity, MicrosoftOffice Suite, GoogleSuite
OS	Linux (Arch, Kali, Ubuntu), Windows10
APIs & Services	pythonanywhere, heroku, Google Collab, Github, Google Play, Google Developer Console, Discord YAGPDB

NOTABLE PROJECTS

August 2024

Movie Rating

MLZ library RNN integration. It will be used to rate movies according to the audience reviews.

July 2024

Digit Recognition

MNIST problem solved with an ANN then a CNN, It reached a 99.7% precision. After the training, the NN was linked to an API in order to implement a human input with extra preprocessing such as cropping and scaling up the digit.

June 2024

Machine Learning Library (MLZ)

A machine learning library built from scratch using Numpy. It offers an environment to develop custom layers & activation methods. It supports classical NNs, CNNs, and it's under development for a wider set of tools.

July 2022

MAJESTY

An ecom API that features 3D preview for its products. The 3D models are generated using a set of images from multiple angles, then processed using photogrammetry algorithms. It also includes a shop & orders management system along with statistics.

May 2024

Chat API

An encrypted chatting system with integrated VPN and fully customizable UI and features. It includes an API integration too.

April 2024

EI MeyloudRE

A platform that reunites real estate agents and clients. It encapsulates various features such as Geolocation, property validation, encrypted contracts and appointments management.

January 2023

SDL Raycaster

A basic raycaster first interpretation using the SDL library based on the techniques used to make the famous DOOM game. It is able to render maps defined by a 2D array.

STARTUP EXPERIENCE

2024

Bassmati - Startup

An app developed for a startup. Its purpose is connecting Psychologists, Speech Therapists & Patients. It includes medical records storage and encryption, appointments management, Staff authentication, Payments verification.

2023

EIRafik - Startup

A startup app that won a label in 2024. It allows Psychology students & professionals to register for an internship or a training course. The approved ones would be able to be contacted by future patients through the app.

CERTIFICATIONS

September, 2024

IBMSkills Build

IBM SkillsBuild Artificial Intelligence, Machine Learning & Deep learning, Watson IBM, Datascience

EDUCATION

2022

Computer Science - University of science and technology Houari Boumedienne

LANGUAGES

English: Native French: Native Arabic: Native