

AHMED ABOZAID

Software Engineer



CONTACT

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STATUS

- Military: completed

SKILLS

Programming

Nodejs	●●●●●●
NestJs	●●●●●●
.Net	●●●●●●
SpringBoot	●●●●●●
react.js	●●●●●●
vue.js	●●●●●●
SQL	●●●●●●
NOSQL	●●●●●●
docker	●●●●●●
nginx	●●●●●●

Operating Systems

Linux	●●●●●●
Windows	●●●●●●

Languages

Arabic	●●●●●●
English	●●●●●●

CERTIFICATES

- HCIA – AI Huawei certified training
- IBM cloud app development mastery
- Covid-19 Hackathone participation

ABOUT ME

I am a dedicated and passionate Software Engineer with a strong background in web development, focusing on building scalable and efficient solutions. My expertise lies in integrating backend technologies, including Node.js, Java Spring Boot, and NestJs, to deliver robust and high-performance applications. I am a fast learner, highly responsible, always eager to learn more, and thrive in collaborative environments.

WORK HISTORY

- 📅 08/2022 - present
📍 Connect professional services
Backend Software Engineer
 - Java Spring Boot
 - Node.js
 - NestJs
 - mysql, mongodb, redis
 - RabbitMQ
- 📅 08/2021 - 7/2023
📍 meetplatforms.ae
Full Stack Engineer
 - designing Sequence, block diagrams
 - python django
 - C# .NET
 - Node.js
 - mysql and couchbase
 - React.js and vue.js
 - RabbitMQ
 - Redis
- 📅 07/2019 - 09/2019
📍 MSA University
Marketing Team admission

EDUCATION

- 📅 Class of 2018
📍 Ramsis Language School, Dokki
- 📅 2018 - 2022
📍 MSA Uni validated by Uni of Greenwich
EGY GPA: 3.51, UK GPA: 3.67 Graduation project : A
Major: Computer Science

GENERAL SKILLS


- Team Leading
- Fast Learning
- Time Management
- Team work
- Hard worker
- Responsibility

UNIVERSITY ACTIVITIES


- DSC (Google Developer student club) Technical core team
- Head of HR & Coordinator at MSA-STC (Student training committee)
- Vice president at Sage (CS community)

PUBLICATIONS

Multi-Modal Online Exam Cheating Detection

 Ahmed Abozaid, Ayman Atia

 2022

 International Conference on Electrical, Computer and Energy Technologies (ICECET) Prague, Czech Republic

 IEEE

The paper proposed a system to detect cheating in online exams. It detects the student's activity during the online exam using a webcam and sent a report to the proctor for the suspected student. The modalities used are head-pose, object detection, and eye-gaze estimation. This proposed solution is tested and evaluated on 29 MSA students with a total of four exam sessions to ensure its effectiveness of the proposed solution. The events' detection accuracy of the multi-modalities experiment was 95.69%.

PROJECTS

Personal

- EEG binary classification with python on self collected dataset with random forest, LSTM, CNN. headpose estimation with VGG16, ObjectDetection with RetinaNet. Combined them all in online exam cheating detection system. (Keras, python) (Graduation Project)
- Lab system web app for a Charity organization using HTML CSS JS PHP and a full analysis for the system
- Worked on a full analysis of a clothes factory system: completed the full documentation of it and a part of implementation of the system using Java and Oracle database
- developed an E-learning Platform using MERN Stack
- Chat app with RSA encryption algorithm with c#

Meet Platforms

- video conference app with WEBRTC openvidu, include mic, cam, shareScreen, Messages with different scopes, Live Activities (like kahoot), virtual background (node.js, mysql, WebSockets, rabbitMQ, redis, react.js)
- E-learning platform (C#.Net, CouchBase, RabbitMQ)
- online exam app with monitoring using (django, Node.js, vue.js)

Connect

- Supply Chain Backend app(Java Springboot, Node.js, MYSQL, mongodb)
- Social App for products (NestJs, redis, MYSQL)
- npm package for backend utils (filters, searching, observers, basic crud, Prisma)
- code generation engine with NestJS
- video conference app with calendar, chat, scheduling & more (nestjs, nodejs, sql, vuejs)