Ali BERORO

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Profile

A software engineer and a Game Dev Hobbyist

Studies

Engineering   june2021
School Hassania des travaux publique, Casablanca:
Major: GIS – Geographic information Science

Preparatory classes –Math & Physics   june2018
School Ibn Abdoun, Khouribga
Major: Maths & Physics

Baccalaureat   june2016
Abu el kacem zayani, Khenifra
Major: Mathematics

Professional Experience

Software Engineer   june 2021 – now
Aba Technology, Casablanca
Head of dev team of research and maintenance
- Developement of IT solutions (full-stack)
- Digitalisation of clients systems
- Maintenance and monitoring of projects

Among accomplished projects :
- Fleet management application :
  Backend Developement :
    - Vehicle management ,live Tracking, Route replay, allocation managament (hierarchical), Geofencing, notifications et reporting management
  micro-services :
    - **Recorder**: Data consumption via a Data logger (Rabbitmq) , recording of gps data (History),   and the transmission in real time with webSockets .
    - **Analyzer :** Data cleaning, alert detection : speed excess, geofence entry and exit , temperature, engine state, batterie level , fuel …etc.
  Technologies: NodeJs–RabbitMQ–SocketIO–Flask–Redis–Mysql MongoDB

- Fleet detection with AI in Fuel stations :
    - Passengers Management Dashboard.

Links

Github
github.com/aliber009

Skills

- ■ NodeJs – Flask – Java
- ■ ReactJs – NextJs – React Native – MaterialUI – Redux
- ■ MongoDB – MySQL – PostgreSQL – Cassandra – Redis
- ■ VM Google Cloud – AWS – Kubernates – Docker – Nginx
- ■ Unity3D – Blender – Illustrator
- ■ Selenium – beatifulSoup – OpenCV – NLP

FreeLance

Upwork Freelancer
FreeLancer sur Upwork avec 93% JSS (job succes score)
- Back-end developer avec **NodeJs**
- Automation and script developer with **Python**

Languages

English

French

- Developement of an image detection service with TensorFlow by locally made sensors in order to : Estimate the number of passengers having, stopped, utilized or passed through the station

  Technologies :NodeJs – TensorFlow – OpenCV – ReactJs–Mongo–Python

- Data- Center application : Plateform for managing environmental sensors (temperature, humidité, CO2 ...etc) :
  - User management according to their privileges .
  - Room Management :sensors placement and configuration
  - Alert manegement.
  - Manual and automatic alert detector configuration : Mix between logic and mathematic operators

  Technologies: NodeJs – SocketIO – ReactJS – Redux – RabbitMQ–Mongo

- Cold- Chain plateform : Platform for monitoring vaccin transports and detecting alerts .
  - User management
  - Management of Ambulances
  - Management of refrigirators (transporting the vaccine)
  - Alert management by vaccine type
  - Notification management

  Technologies : NodeJs –Websocket –RabbitMq–Redis– Mongo

End of studies internship   feb. 2021 – june2021
Nextronic, Casablanca
Developement of a responsive application for multi-use fleet management :
- Live tracking (websocket via mqtt brokers)
- Recording of driver activities (trajects, stops, trips..etc)
- Alert management (speed limit , alimentation, temperature...etc)

Engineer internship   june2020 – sept. 2020
Intellcap, Rabat
3D video game developement for educational purpose :
- Unity 3D (gameplay programming C#)
- Blender (3D Modeling)

Initiation internship   june2019 – jul 2019
ITIS, Casablanca
2D MOBILE video game with unity .
- Publication on Play Store and media coverage on Facebook Ads

Associatives Experiences

IT tutor   jul. 2019 – sept. 2019
Youth Academy, Baku Azerbaidjan
Participation in a bootCamp about learning the basics of programming in an intercultural volunteering program

Enactus
Casablanca
Graphic Desinger of Enactus team Casablanca