OUARHOU Lhoussaine   Full-stack Developer JS/TS

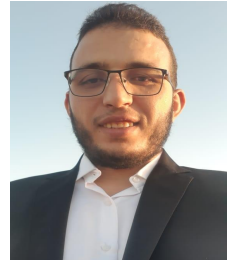+212-603708829   https://linkedin/lhoussaine-ouarhou

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SOFTWARE SKILLS

Programming: Javascript/Typescript

Back-end Javascript: Node.js, ExpressJS, NestJS, TypeORM, Mongoose, PassportJS, Redis, JWT, Oauth2

Front-end: HTML, CSS (Bootstrap, MaterialUI, antD), Angular, Ngxs, React, React-Context, Redux, NextJS, Jquery.

Conception and Patterns: Design Patterns, Solid, Microservices, Swagger, UML

Testing Tools : Jest, Mocha, Chai, Jasmine.

Monitoring: Prometheus, Grafana

Data Visualization: D3.js

microservices asynchronous messaging: RabbitMQ, ActiveMQ

Deployment: Docker, GitLab CI/CD, Kubernetes(Helm), AWS (EC2, S3, SNS, SQS, lambda)

Services mesh: Istio, Linkerd2

Databases: SQL, MySQL, MongoDB, Oracle, Firebase

DEV Environment: VScode, Git, Github, Bitbucket, Trello, Scrum, Postman

EXPERIENCE

Full–stack Developer NodeJS/ReactJS   **Izi Systems** Casablanca   *Jan-2022 - Present*

Develop the IZI Safety platform, which provides TotalEnergies employees and collaborators with a centralised platform for tracking e-learnings, transmitting documents, and staying compliant with HSE standards before intervening on sites.

- Develop the functionalities of the backend API using the technologies: **TS/JS, Nodejs/NestJS, Typeorm**.
- Manage user authentication and authorization on the platform using **OAuth 2** and **jwt**.
- Develop APIs to generate skills, personal, and synthesis reports of KPIs with libraries: **XLSX** and **excelJS**.
- Create cron jobs allowing the periodic calculation of internal and global KPI data and save them on a **mongoDB** database with **nestjs/schedule**.
- Manage data internationalisation in four languages with **nestjs-i18n**.
- Create database migrations to maintain data integrity using **typeorm** features.
- Create multiple scripts to migrate data from the old version format to the new one.
- Develop new front-end features and interfaces with **Html, Css, ReactJs, Redux, Redux-Thunk, ant-design**.

Other Tools: Redis, Aws, MySQL, typeorm, Gitlab CI/CD, Docker, Docker-compose, jest, Prometheus, Grafana, CustomerIO

Full–stack Developer NodeJS/Angular   **Valessentia** Casablanca   *Dec-2020 - Jan-2022*

- Collaborate on specifications, analysis, and development planning with Technical Authority.
- Develop the new features of the backend using the technologies: **JS, Nodejs, Express Js, Morgan, Winston, Mongo Db, XLSX**.
- Improve the performance of date calculation and scheduling algorithms in a production line.
- Develop back office interfaces: **Html, Css, Angular/AngularJS, Bootstrap 4, Angular-ui**.

Other Tools: D3.js, Jest, GIT, Visual Studio, Postman.

Java/JS/Microservices Developer-Intern   SQLI ISC Maroc   *Mars-2020 - Aug-2020*
- Study and comparison of Service Mesh solutions(**Istio, Linked2, Consul...**).
- Design and development of an e-commerce application under the microservices architecture(**Spring, Nodejs, JWT, MySQL, mongoDB, Redis, RabbitMQ**).
- Deployment and integration of the best mesh service solution(**Istio**) with **docker, Kubernetes(Helm), Azure(AKS)**.

Web Developer– Intern   UM6P Benguerir   *Jul-2019 - Aug-2019*
- Design and Creation of the SIMLAB Department Website with **WordPress**, and Configuration of its deployment in an **Nginx server**.
- Study and design a web service for dynamic inventory analysis and management.

Web Developer– Intern   ENSA Marrakech   *July-2018 - Sep-2018*
Conception and Development of a news website with (**HTML, CSS, JS, AngularJS, MySQL, and PHP**).
LInk: https://github.com/lhousaine/News-website

STUDIES

Computer Science Engineer-ENSA Marrakech   *Sep-2015-June-2020*
- 3 years in Engineer's cycle.
- 2 years in the preparatory cycle.

Bachelor's degree in Physics Science   High School Tazarine   June–2015

LANGUAGES

English: Full professional proficiency   **French:** Full professional proficiency
Arabic: Native language   **Tamazight:** Native language

INTERESTS

Reading
- Mastering TypeScript Fourth Edition By Packt
- Node.js Design Patterns par Packt
- The Clean Coder-A Code of Conduct for Professional Programmers par robert c. martin
- Clean Architecture: A Craftsman's Guide to Software Structure and Design (Robert C. Martin Series)
- Clean code par robert c. martin
- Head First Design Patterns- Java
- Learning Test Driven Development par Saleem Siddiqiui
- Deep Work par cal newport
- Ego is the enemy par ryan holiday
- Atomic habits par James clear
- Les conditions de l'Excellence par Jean-Claude Douthe