

# Hussein Abdeljabbar Ismail Martinez

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<https://github.com/hussedev>

## Summary

Hi, my name is Hussein :) I am a Full Stack Software Engineer, experienced with JavaScript technologies. Specialized in Node, Typescript, Express, Koa, Mongo, SQL, Socket.io, React, IoT and Shell Scripting.

I am a fast learner who like puzzles and being challenged, therefore I love coding, learning new programming languages with different abstraction levels.

Flexitarian, passionate for cooking, symbiotic nutrition, meditation, yoga, fermentation and permaculture. I enjoy exploring new cultures, and patterns of thought.

## Experience



### Full-stack Developer

NetUI

Mar 2021 - Present (2 months +)

NetUI is a network tool that allows the user to interact with a network, local or remote.

Tech stack: Typescript, Angular, CSS, Koa.js, Node.js, Shell



### System Administrator

Farmacia Salah CB

Sep 2014 - Jan 2021 (6 years 5 months)

Managing network and computers in a pharmacy.

In 2017 designed and installed a new network & electrical architecture, centralizing all devices in a rack, using PFSense as router OS, separating different network segments as VLANs.

Tech: Debian, Windows Server and PFSense.



### Full-stack Developer

Plantopi

2021 - 2021 (1 year)

Plantopi is an IoT project for automated irrigation system interacting with NodeMCU microcontrollers with ESP8266 wireless chip.

Built an app from the ground up in a team of 4 developers. My responsibilities included: building the IoT-side in C (using PubSubClient and ArduinoJSON libraries), organising Socket.io and data flow in React.js on the front-end side.

Tech stack: Typescript, React, Sass, Gsap, Nest JS, Postgres, TypeORM, OpenWeather API, Socket.io, Mqtt.js, Mosquitto, Arduino, Raspberry Pi



### **Network Administrator**

Fo Guang Shan Mabuhay Temple

Nov 2016 - Dec 2016 (2 months)

Troubleshooting the network & installing an IT classroom

## **Education**



### **Codeworks**

Software Engineering

2021 - 2021



### **University of Jordan**

Arabic Language

2017 - 2018

Level 3 & 6



### **Fo Guang Shan Mabuhay Temple - Manila**

HALA Program (Humanistic Academy of Life and Arts), Buddhism

2016 - 2016

- Spiritual training
- Introduction to Buddhism
- Meditation and Arts
- Introduction to Mandarin language



### **Universitat d'Alacant**

Bachelor of Science - BS, Computer Systems Engineering

2005 - 2012



### **Bishop's University**

Exchange Program

2011 - 2011

- Digital Imaging
- Computer Vision



### **University of South Australia**

Exchange Program

2009 - Present

- Data structures in Java
- Image processing
- Japanese 1A

- English Writing

## **Anadolu University**

Exchange Program

2008 - Present

- Visual Programming
- Basic Photography
- Turkish Language

## **Licenses & Certifications**



**Spanish Teacher Training - Spanish as a Foreign Language: A1-C2 levels** - Tía Tula Colegio de Español



**Beginner Arabic Language II and colloquial Arabic Language** - Ali Baba International Center



**Shiatsu I** - European Shiatsu School



**Arabic for Speakers of Other Languages Level 3** - University of Jordan



**Regenerative Agriculture** - Agricultura Regenerativa Sureste



**Participation BLIA-YAD Asia Regional Conference** - BLIA YAD Philippines - 菲律賓 佛光青年分團



**Chiromassage** - Terapias Manuales Murcia



**Software Engineer** - Codeworks

## **Skills**

JavaScript • Full-Stack Development • Node.js • Front-end Development • Shell Scripting • Machine Learning • Test Driven Development • C (Programming Language) • Cascading Style Sheets (CSS) • HTML5