

# OTHMANE BOUNRI



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## ABOUT ME

I am a driven and passionate developer. My early interest in the world of coding led me to the 1337 school where I developed my skills, starting from low-languages that gave me a deep and robust foundation. I am now seeking to join a dynamic team where I can deploy and solidify my knowledge and skills, contribute meaningfully to projects, and continue to learn and grow in this dynamic technology industry.

## PROFESSIONAL EXPERIENCE



### Software developer with client

Networking software, side-tasks

2020 to 2021

As a member of a networking software development team, my role encompassed a range of responsibilities. I consistently came up with solutions for technical problems. I thoroughly documented each process to ensure the clear understanding and reproducibility of my work. I was actively involved in the implementation stage, translating our technical designs into functional software. In the testing phase, I meticulously verified the performance and reliability of our solutions. Throughout these processes, I utilized various languages and technologies including Vala, PostgreSQL, Bash, Python, and C/C++.



### Web developer

Upwork Freelancing

2021 to 2022

Throughout my journey as a freelance web developer on Upwork, I handled a variety of projects that capitalized on my full-stack expertise. On the front-end, my focus was on crafting visually appealing and intuitive landing pages to optimize user engagement. For the back-end, I engineered robust APIs and built effective web scrapers, showcasing my proficiency in scripting and server-side tasks. My toolkit included a range of languages and technologies, such as HTML, CSS, Bootstrap, PHP, Python, JavaScript/TypeScript, and PostgreSQL.

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## EDUCATION HISTORY

### Digital Technology Architect

1337 Khouribga - 42

October 2019 - 2023

### Mathematical and Computer Sciences

Hassan 2nd University

September 2019



### Baccalaureate in Mathematical Sciences

Mohammed V High School

2019

## SCHOOL AND PERSONAL PROJECTS

### A Pong game, where users can interact, chat and play with each other

#### Transcendence

In this project, I was in charge of building the back-end using Nestjs, where I exposed secure endpoints that the client uses to fetch, create, update and delete resources (users, games, etc.), with a secure session management system. I used TypeORM that facilitates data sanitizing after client-side input validation. The user authenticates using a third-party OAuth system (42 Intranet, Google) and is able to enable two-factor authentication. For this I used Google Authenticator. To bundle the app, I used Docker to containerize the services (front-end, back-end, PostgreSQL database), and to launch the app easily.

- Next.js, NestJS, TypeScript, PostgreSQL, OAuth, Docker

### A single-page app that turns a simple prompt to a creative one, and generates an image from it

#### Imagen

For this app, I chose a minimalistic landing page consisting of an input and submit button, submitting the prompt results in generating a longer creative prompt and the image generated from it, the user can choose to redo the operation with the same input, download the image or start from the beginning. The initial input is sent to the chat completion endpoint from the OpenAI API and the latter returns a longer and creative prompt, which is then sent to a model trained on MidJourney images (replicate/Openjourney) to generate the image.

- NextJS, CSS, TypeScript

## CERTIFICATIONS

### The Digital Garage Certification - Google

#### Fundamentals of digital marketing

06/2017

[Link to certificate](#)

### Microsoft Certified

#### Azure Fundamentals

03/2020

[Link to certificate](#)

## TECHNICAL SKILLS

HTML, CSS, Javascript/TypeScript,  
React, NodeJS, NextJS, NestJS  
C/C++, Python, SQL  
Bash, Docker, Git

## LANGUAGES

- English
- French
- Arabic