Developer

Omar Nassar

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About me

I am Omar, a backend developer specialized in Laravel PHP, with a strong interest in blockchain and AI. At Vloto B.V., I have further developed my skills in PHP and web technologies. In my free time, I enjoy starting side projects, especially focused on AI and blockchain, which allows me to always stay creative and up-to-date with the latest technologies. This passion for innovation and continuous learning drives me in my career. I am motivated and constantly looking for new challenges where I can continue my passion for coding and further grow in software development.

Education

2017 – 2020 **MBO College Amstelveen**

Software developer (Niveau 4)
- HTML/CSS
- PHP
- Javascript
- C#

2011 – 2014 **HAVO (in Spain)**

Secondary Education (comparable to HAVO in the Netherlands), specializing in Computer Science and Technology.

Work experience

2023 – currently **Back-End Developer at Vloto B.V**

At Vloto B.V., I work as a Backend Developer, focusing on developing and maintaining APIs, and automating processes. My responsibilities include not only implementing new features and carefully managing our codebase, but also working on automations that make our workflows more efficient. Additionally, I contribute to presenting projects and executing them precisely according to designs.

Skills
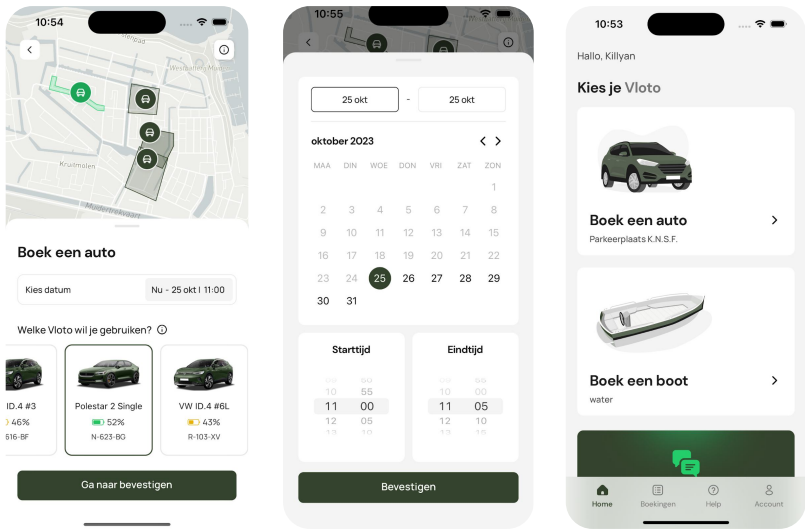
GIT

HTML/CSS

MySQL

Laravel/PHP

.NET / C#

Node.js

Figma

ReactJS

APIs development

AI implementation

Vloto App

Automatisations

1.- Fines processing

I have developed a system that automates the processing of fines for our finance department. With just a photo of the fine, the system finds the relevant booking within two seconds and automatically links the fine. It also immediately generates two important documents: the Appeal Letter and Rental Agreement, for quick dispatch to the CJIB (Central Fine Collection Agency). What used to take 20-25 minutes now takes only one minute.
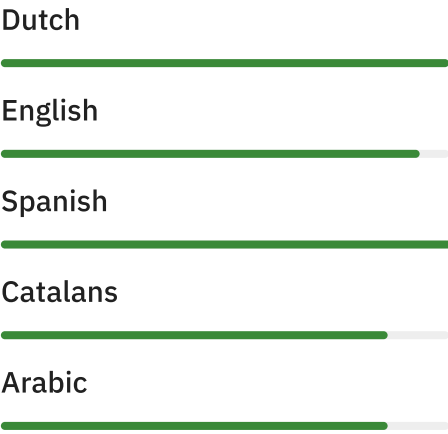
2.- Company P&L

I have transformed the process of calculating business results for our project manager. By transitioning from manual Excel calculations to an automated system, we now generate results per car more efficiently and accurately, including revenue and P&L, through complex calculations in the backend. This system unlocks essential data such as new users and rides, visible in Excel and on our internal dashboard.
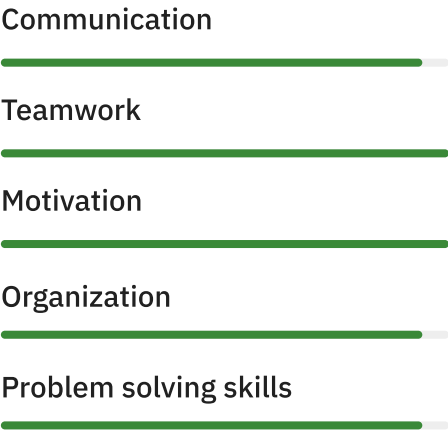
3.- AI Booking optimization

I have developed an AI based on GPT-3.5 Turbo that optimizes daily bookings by intelligently swapping and efficiently repositioning vehicles, powered by historical data analysis.
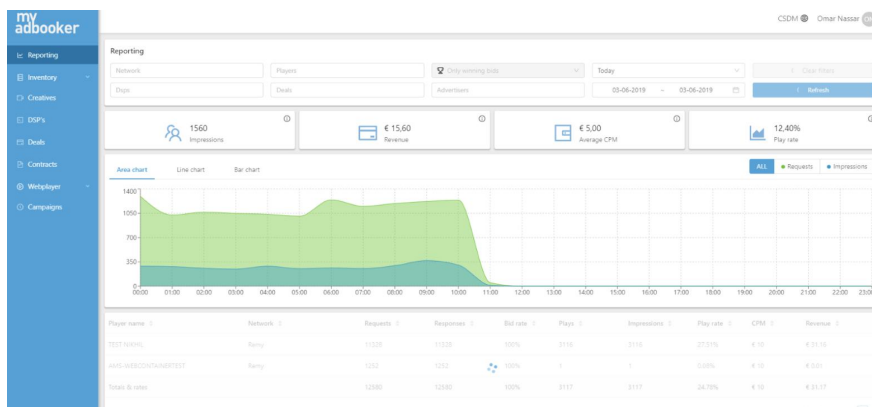
Languages I speak

Dutch

English

Spanish

Catalans

Arabic

Personal characteristics

Communication

Teamwork

Motivation

Organization

Problem solving skills

Certificates

Laravel Beginner to Expert	2023
Blockchain: Beyond	2022
Blockchain: Beyond Basics	2022

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2020 - 2021   **Front-End Developer at CS Digital Media**

In an agile team of seven, working in two-week Scrum sprints, I developed a proprietary advertisement player at CS Digital Media using ReactJS, utilizing the Ant Design component library. This led to cost savings through reduced dependency on third parties. Additionally, I contributed to a dashboard (MyAdbooker) for publishers to manage and create advertising campaigns, which improved the company's efficiency and digital presence.

CSDM Dashboard

Companies I Co-Founded

2023 - 2024   **Quotum**

Quotum, established with a partner, offers courses on cryptocurrency and blockchain, aimed at safe navigation in this sector. My enthusiasm for new technologies and helping others inspires me to actively share this knowledge with students.

2021 - 2023   **Bitsliced**

Bitsliced was an NFT marketplace that brought real-world assets to the blockchain. Initially, the project was successful, but due to the bear market, we were unable to raise sufficient funding to further develop the product. Therefore, we decided to sell it. Additionally, I served as the Product Owner there.

Links

Vloto iOS

Vloto Android

Vloto website

MyAdbooker

CS Digital Media

Hobbies

- Gaming
- Create side-projects
- Developing personalized AI
- Develop own applications
- Watch movies (Sci Fi)
- Trade
- Sports

Side projects

- **AI chatbot** trained on company information.
- **AI bot** that allows you to talk to your own documents.
- **MyTeam**: an app that lets clubs register teams and manage trainings, matches, and player statistics. Everything for sports teams, simple and efficient.
- **Image Segmentation Model**: Developed a deep learning model for precise image segmentation, achieving high accuracy and robust performance.