Omar Nassar (16-10-1998)

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Career Objectives

I am Omar, a backend developer with working experience in PHP/Laravel, Python, ReactJs, and ReactNative, and a strong passion for blockchain and AI technologies. At Vloto B.V., I have honed my skills in PHP / Laravel and web development while continually pursuing side projects in AI and blockchain to stay at the forefront of innovation. Through my work in start-ups and diverse projects over the past years, I have developed a versatile and adaptable approach to problem-solving. My drive for continuous learning and creativity motivates me to tackle new challenges, further develop my coding expertise, and contribute to cutting-edge solutions. I am eager to grow both personally and professionally by embracing opportunities that allow me to expand my skill set in software development.

Experience

Vloto B.V – Backend Developer   (2023 – present)

- Fines Processing Automation**:** Developed a system that automates the processing of fines, reducing manual handling time from 20-25 minutes to just 1 minute. The system processes a photo of the fine, links it to the relevant booking within two seconds, and automatically generates key documents (Appeal Letter and Rental Agreement) for quick dispatch to the CJIB (Central Fine Collection Agency).
- Company P&L Automation**:** Transformed the process of calculating business results by moving from manual Excel calculations to an automated system. This resulted in highly accurate and efficient revenue and P&L results per vehicle. The system also unlocks essential data, such as new users and rides, visible in Excel and the internal dashboard.
- AI Booking Optimization**:** Developed an AI system powered by GPT-3.5 Turbo to optimize daily bookings. The AI intelligently swaps vehicles and repositions them based on historical data, maximizing fleet utilization across all operational areas.
- Trip Optimization for Enhanced Car Usage**:** Implemented a Trip Car Optimization system to reassign bookings to available greener or more efficient vehicles, ensuring optimal use of the car fleet across all areas while maintaining a seamless user experience.
- Maintaining API Efficiency**:** Ensured the stability and efficiency of APIs, improving the performance and reliability of the backend, which supports key functionalities of the platform such as booking management and vehicle tracking.
- Onfido + EDR Implementation: Automated user onboarding by integrating Onfido and EDR services, reducing manual verification time and operational hours. Leveraged trusted third-party checks to efficiently accept users while reallocating resources elsewhere.
- Trip Optimization: Developed a backend algorithm that suggests the closest and most sustainable vehicles by factoring in vehicle type, battery level, and geolocation. Cross-referenced user addresses with car locations to enhance fleet efficiency and user convenience.

Quotum Consultancy - Founder   (2023 – present)

- Provided actionable investment insights and built indicators for 180 clients through in-depth analysis of market and blockchain data.
- Developed and implemented data pipelines to transform raw information into valuable insights, enabling data-driven decision-making.
- Led the successful launch and branding of a Solana Cryptocurrency project, achieving a market capitalization of $25,000.

Freelance Software Developer   (2021 – present)

- Developed and sold RAG AI tool for document processing to a car rental company, improving their workflow efficiency.
- Created full-stack website (https://wlbali.com) using HTML, CSS, JavaScript, and AI assistance.
- Built automation flows integrating Bol.com, Amazon, and Marktplaats APIs for order management, pricing algorithms, and inventory restocking.
- Created MealAI, an app that helps users generate recipes based on products that are on sale for the week from multiple supermarkets, using AI to create customized meal plans.
- Developed MyTeam, an app for football clubs to track training sessions, games, players, and club activities, all in one dedicated platform.
- Developed a Telegram bot that allows cryptocurrency payments and processes them efficiently, enabling secure transactions for users.
- Developed a license plate recognition system for a parking company in Spain to automate access control and improve parking management efficiency (developed in c++).
- Developed a real-estate scraping platform for the competitive Dutch housing market that automated property hunting across multiple platforms (Funda, MVGM, VBO), helping me secure an apartment in 2 months - later commercialized a little bit and sold it to other house hunters.

Bitsliced (GmbH) - Co-Founder   (2021 – 2023)

- Co-founded Bitsliced, an NFT marketplace that brought real-world assets onto the blockchain.
- Led the product development and direction, ensuring the platform's initial success in connecting traditional assets to the NFT space.
- Managed the product lifecycle as the Product Owner, overseeing development teams and ensuring alignment with market needs and user expectations.
- Conducted the hiring process for a team of six developers, building a strong technical team that delivered on project milestones.
- Despite initial success, the project was impacted by the bear market, which hindered further funding efforts. As a result, we made the strategic decision to sell the platform.

CS Digital Media - Frontend Developer   (2020 – 2021)

- Developed a proprietary advertisement player using ReactJS and the Ant Design component library, reducing the company's dependency on third-party solutions and leading to cost savings.
- Worked in an agile team of seven, following two-week Scrum sprints to ensure timely and efficient delivery of features.

- Contributed to the development of the MyAdbooker dashboard for publishers, enabling them to manage and create advertising campaigns, which significantly improved the company's digital presence and operational efficiency.
- Maintained existing code and performed bug fixes on legacy systems, ensuring the stability and reliability of the platform.

Education

Software Developer - Associate Degree (Level 4) (**2017 – 2020)**
- Gained proficiency in multiple programming languages and technologies, including **HTML/CSS**, **PHP**, **JavaScript**, and **C#**.
- Developed a solid foundation in both front-end and back-end development, preparing for the creation of scalable and efficient applications.
- Emphasized real-world application of coding principles through hands-on projects, honing problem-solving skills in software development.

HAVO - (in Spain) **(2010 – 2014)**
- Secondary Education (comparable to HAVO in the Netherlands), specializing in Computer Science and Technology.

Professional Development & Continuing Education

Laravel course - Udemy **(2023-2023)**
- Gained in-depth knowledge of **Laravel**, focusing on best practices for backend development, routing, Eloquent ORM, and API integration.
- Learned advanced techniques for building scalable web applications with Laravel, including unit testing and security features.

Blockchain for beginners – LinkedIn **(2022- 2022)**
- Developed a foundational understanding of **blockchain technology**, covering its architecture, decentralization principles, and potential applications in various industries.
- Acquired practical knowledge of smart contracts, cryptocurrencies, and distributed ledger technologies.

Blockchain advanced – LinkedIn **(2022- 2022)**
- Enhanced understanding of advanced **blockchain concepts**, including consensus mechanisms, scalability challenges, and security considerations.
- Explored real-world applications of blockchain in finance, supply chain management, and decentralized applications (dApps).

Programming Languages

• PHP	• ReactJS	• C#
• Laravel	• Python	• C++
• HTML/CSS	• Typescript	• MySQL
• JavaScript	• Next.js	• PostgreSQL

Personal interests

• Bouldering	• Gaming	• Traveling
• Chess	• Sci-fi movies	• Hiking
• Trading	• Music	• Karting
• Cooking	• AI projects	• Golfing

Languages

- Dutch
- English
- Spanish
- Catalans
- Arabic