Omar Nassar (16-10-1998)

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Career Objectives

I am Omar, a recently promoted Tech Lead and backend specialist who architects AI-driven solutions that deliver transformative business impact. With deep expertise in PHP/Laravel, Python, ReactJS, and React Native, I've built systems that reduce manual processes from hours to minutes, developed privacy-preserving medical device platforms using state of the art LLMs, and founded multiple tech ventures. My technical foundation spans enterprise backend architecture, AI integration, and blockchain innovation. At Vloto B.V., I evolved from backend developer to Tech Lead by consistently delivering game-changing solutions from GPT-powered fleet optimization to innovative full-stack applications across diverse industries. I thrive at the intersection of cutting-edge technology and creative problem-solving, building everything from cryptocurrency payment systems to sports management platforms. My passion for continuous learning drives me to tackle emerging technologies and complex challenges, constantly expanding my expertise to create solutions that don't just solve today's problems, but anticipate tomorrow's opportunities.

Experience

Vloto B.V – Full-stack Developer   (2023 – present)
- Architected AI-powered automation systems that transformed fine processing workflows from 20+ minutes to under 1 minute, integrating computer vision, document processing, and automated workflow generation at enterprise scale
- Built intelligent fleet optimization platform leveraging GPT-3.5 Turbo and geospatial algorithms to dynamically reassign vehicles based on historical patterns, battery levels, and user proximity for maximum operational efficiency
- Engineered scalable backend infrastructure supporting real-time booking management, trip optimization algorithms, and seamless third-party integrations (Onfido/EDR), ensuring high-performance APIs handling critical business operations

Virelio - Artifcal Intelligence Developer (Freelance)   (2025 – present)
- Architected and deployed 20+ AI tools and 200+ intelligent automations currently implemented across diverse client portfolios from scale-ups to enterprise corporations, delivering measurable productivity gains and operational efficiency improvements
- Built comprehensive AI-powered personal assistant seamlessly integrating the entire Microsoft ecosystem with multi-platform accessibility through Slack, Teams, WhatsApp, and voice interfaces, enabling unified workflow management and real-time system orchestration
- Developed industry-specific voice agent platform for automated appointment scheduling across service sectors (beauty salons, plumbing, healthcare), featuring intelligent calendar integration, automated email workflows, and natural language processing—currently deployed and processing live client bookings. (Can be tested at virelio.nl)

Quotum Consultancy - Founder   (2023 – present)
- Built and scaled investment consultancy serving 180+ clients with actionable insights derived from comprehensive blockchain and financial market data analysis
- Engineered robust data pipelines transforming raw market information into valuable investment strategies, enabling data-driven decision-making for portfolio optimization
- Successfully launched and managed Solana cryptocurrency project, demonstrating end-to-end product development, market execution, and project lifecycle management capabilities

Freelance Software Developer   (2021 – present)
- Developed revolutionary AI medical device platform that transforms technical file creation and regulatory compliance workflows from months-long processes to week-long cycles through automated ISO-compliant risk assessment, document generation, and review systems using state-of-the-art LLMs while maintaining strict privacy standards
- Architected diverse AI-powered solutions including RAG document processing tools, license plate recognition systems (C++), cryptocurrency payment bots, and multi-platform e-commerce automation integrating major APIs (Bol.com, Amazon, Marktplaats)
- Built full-stack applications spanning multiple domains from meal planning AI (MealAI) to sports management platforms (MyTeam), demonstrating versatility in delivering complete end-to-end solutions across various industries

Bitsliced (GmbH) - Co-Founder   (2021 – 2023)
- Co-founded and architected innovative NFT marketplace platform that pioneered real-world asset tokenization on blockchain, establishing technical foundation and product strategy for emerging Web3 market
- Led cross-functional product development as Product Owner, directing platform evolution and ensuring market-driven feature development while maintaining alignment between technical capabilities and user expectations
- Built and managed engineering team of six developers through strategic hiring and technical leadership, delivering complex blockchain integration milestones and establishing scalable development processes

CS Digital Media - Frontend Developer   (2020 – 2021)
- Developed proprietary advertisement player using ReactJS and Ant Design, eliminating third-party dependencies and reducing operational costs while delivering custom-tailored solutions for company requirements
- Collaborated in high-performing agile team of seven developers using two-week Scrum sprints, consistently delivering features on schedule and contributing to efficient development workflows

- Built and maintained MyAdbooker publisher dashboard enabling comprehensive advertising campaign management, significantly enhancing platform functionality while ensuring legacy system stability through proactive bug fixes and code maintenance

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.

Certifications

• Machine Learning Operations (MLOps) for Generative Ai – Google, Jan 2025
• Advanced: Generative AI for Developers – Google, Feb 2025
• OCI Generative Ai Professional – Oracle, Nov 2024
• Laravel course - Udemy, May 2023

Programming Languages

• PHP
• Laravel
• HTML/CSS
• JavaScript

• ReactJS
• Python
• Typescript
• Next.js

• C#
• C++
• MySQL
• PostgreSQL

Personal interests

• Bouldering
• Chess
• Trading
• Cooking

• Gaming
• Sci-fi movies
• Music
• AI

• Traveling
• Hiking
• Karting
• Golfing

Languages

• Dutch
• English
• Spanish
• Catalans
• Arabic