Amar Neche

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Summary

Full-stack Software Engineer with 4+ years of experience in web development. Proficient in PHP, Laravel, Vue.js, MySQL, and Python. Developed diverse projects including e-commerce platforms, ERPs, educational management systems, chatbots, and LLM wrappers. Skilled in building scalable applications and integrating emerging technologies to solve complex business challenges.

Professional Experience

Software Engineer | The Trybe   June 2023 - Present

- Built an ERP for production and supply management
- Developed a platform connecting investors with project holders
- Created a delivery matching system for truck companies and cargo owners
- Worked on a healthcare platform for private and public knowledge sharing
- Implemented RAG system to query healthcare knowledge
- Developed tools to convert voice recordings into specific formats for doctors
- Worked with embeddings, vector databases, and LLM integrations
- Used Laravel, Vue.js, and Python for most projects

Web Developer | Zone - Brand Agency   July 2020 - May 2022

- Managed software projects and communicated directly with clients
- Built a full management system for IMMA, a private institute, including:
  - Student and teacher portals
  - Communication tools between teachers and students
  - Timeline management
  - Generation of materials and reports
- Developed online stores and other web applications using Laravel and Vue.js

Education

Bachelor of Science in Computer Science University of Saad Dahlab, Blida, Algeria 2015 - 2018

- Comprehensive curriculum covering Software Engineering, Algorithms and Data Structures, Operating Systems, and Databases
- Developed a strong foundation in general computer science principles and practices

Projects

Odigix - E-commerce Platform (Freelance)

- Built an e-commerce store for digital gift cards and products, with physical product support
- Implemented multiple payment gateways including COD and online payments
- Integrated third-party providers for on-demand product purchase and delivery

Odigix Panel - Wholesale Digital Products Platform

- Developed a B2B platform for wholesale of digital products to resellers
- Implemented account balance system for direct purchases

Reevo Academy - Online Courses Platform (In Progress, Freelance)

- Developing an online course academy
- Implementing video encoding techniques (HLS) and streaming functionality

Educatics - Multi-tenant Educational Platform (Personal Project, Deprecated)

- Designed a platform for educational institutions to create online presence and offer trainings
- Gained experience with Tenancy for Laravel

Technical Skills

- **Languages:** PHP, JavaScript, HTML5, CSS3, Python
- **Frameworks & Libraries:** Laravel, Vue.js, Nuxt.js, Quasar, FastAPI, Express.js
- **Databases:** MySQL, PostgreSQL
- **Tools & Technologies:** Git, LangChain, OpenAI GPT-4
- **DevOps:** Deployment, Server Management, VPS Configuration, Cloud Platforms
- **Other:** Large Language Models (LLM), Software Design, ERP Systems, E-commerce, Payment Gateway Integration, Video Streaming (HLS)

Languages

- English (Professional working proficiency)
- Arabic (Native or bilingual proficiency)
- French (Professional working proficiency)