

NAZARIY KAZARYAN

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EDUCATION

Instituto Politecnico de Leiria, ESTG BSc in Computer Engineering

Sep 2022 - Jul 2025

PROJECTS

Photography Website - otiagojorge.com

Sep 2024 - Present

Developing a commercial website using **PHP**, **HTML**, **JavaScript**, and **CSS** to host educational content and digital product sales for a photographer. Hosted on **Hostinger**.

SmartTraffic: Intelligent Vehicle Counting and Vehicle Monitoring System Mar 2025 - Jul 2025

Developed a **Dockerized** and real-time video analysis system using **Python** and **YOLOv8** to detect, count, and track vehicles, extracting speed and trajectory data. Integrated with **PostgreSQL** for data storage and implemented periodic **ETL** to a **PostgreSQL** data warehouse. Built a web-based analytics dashboard using **Laravel** (backend) and **Vue.js** (frontend) to visualise key metrics through interactive charts.

Smart Packaging Monitoring System

Sep 2024 - Jan 2025

Created a logistics simulation system using **Java (Jakarta)** and **Vue** for tracking packages with sensors. Integrated **Docker** for containerised development and deployment. Improved **OOP** and teamwork skills.

Memory Game Mobile App

Sep 2024 - Jan 2025

Created a memory game in **Kotlin** that syncs user data with a backend built in **Laravel**. Focused on mobile UX and backend integration. Integrated with a Multiplayer Memory Game Platform web page.

SKILLS

Programming Languages: C, C#, Java, Python, PHP, JavaScript, SQL, PL/SQL, Kotlin

Frameworks & Libraries: Laravel, Vue.js, YOLOv8, WebSockets

Tools & Platforms: Git, Figma, Apache Superset, Hostinger, Docker

Databases: PostgreSQL, MySQL

Other: OOP, ETL Processes, Android (Kotlin), REST APIs, Agile Methodologies