

TIAGO DE GREGORI

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FIND ME ONLINE

GitHub github.com/tagrgr	Portfolio tiagodegregori.netlify.app
Frontend Mentor frontendmentor.io/profile/tagrgr	Instagram instagram.com/tiagoregoregori

EXPERIENCE

Operations Specialist & Social Media Manager

Dublin Tint window film and PPF specialists

05/2018 - Present Unit 13 Robinhood Business Park
<http://www.dublintint.ie/>

- Managed daily operations, specializing in PPF (paint protection film) application and window tinting for luxury and performance vehicles.
- Social Media Strategy and Execution: Develop and execute social media marketing strategies that increased online engagement.
- Customer Relationship Management: Manage all aspects of customer service, consistently achieving high satisfaction ratings on follow-up surveys.
- Implement process improvements that reduced service delivery times and minimize material waste.
- Problem Solving and People Relationship Skills, Teamwork, Communication, Collaboration, presenting, negotiating.
- Project Coordination.

Junior Purchaser

Samil

10/2016 - 10/2017
Brazil, Rua Victorio Milani, 125 - Caxias do Sul

- Developed relationships with vendors to ensure high-quality products.
- Worked with vendors to ensure timely delivery of products.
- Supported senior purchasers in price negotiations and trend analysis, contributing to profitability goals.
- Analyzed trends for informed buying decisions.
- Managed inventory to maintain stock levels and ensure timely delivery in collaboration with Warehouse Manager.

ADDITIONAL INFORMATION AND MEMBERSHIPS

EU Citizen — no visa required	
Full Clean Driving License / Own Transport	
ICS – The Irish Computer Society ID number: 22433	
Dev Quest Member	07/2025 - Present

SUMMARY

IT professional transitioning into the field, with a Computer Science Certificate and Diploma in Applied Software Development covering programming (Java, Python, JavaScript), databases and web development. Built hands-on projects including a multiplayer game server, an IoT-enabled home server and full CRUD applications. Bringing several years in business operations and customer service, seeking an entry-level role in IT.

EDUCATION

Certificate in Computer Science

South East Technological University

09/2025 - 09/2026
Room A03, Science and Engineering Building, Cork Road Waterford

- NFQ Level 8 Award (30 ECTS)**
- Hands-on training in programming (OOP and algorithm design using Java/Python), database design (SQL and NoSQL, ER modelling), systems and networking (Bash scripting, virtualization, distributed systems), and web development with HTML, CSS, and JavaScript
- Classification: Minor Award Level 8 linked to Higher Diploma in Science in Computer Science.*

OVERALL GRADE
77 / 100

Diploma in Applied Software Development

CCT College Dublin

08/2024 - 08/2025
30-34 Westmoreland Street, Dublin 2

- NFQ Level 7 Special Purpose Award (60 ECTS), accredited by QQI**
- Modules: Programming & Mathematics Fundamentals, Fullstack Web & Mobile Development A & B, Strategic Business & Professional Development A & B, Software Analysis, Design & Development A & B and Programming.
- Applied coursework through practical, project-based learning across full-stack web/mobile development and software design modules.
- Classification: Merit Grade 1.*

OVERALL GRADE
65 / 100

Diploma in Python Programming

CCT College Dublin

07/2025 - 10/2025
30-34 Westmoreland Street, Dublin 2

- Covered core Python programming, working with APIs, and automation scripting.
- Built Moodify, a Python application integrating the Spotify and OpenWeather APIs to generate mood-based playlists, with automated task scheduling via APScheduler.
- Classification: Distinction.*

OVERALL GRADE
70 / 100

A FEW OF MY PROJECTS (ADDITIONAL WORK ON GITHUB AND PORTFOLIO)

Monster Mayhem (two distinct projects)

<https://github.com/tagrgr/monster-mayhem-multiplayer-board-game-withServer>

Full-stack multiplayer hexagonal board game

- Built a real-time multiplayer game server with Node.js, Express and WebSockets, using RESTful authentication routes and MongoDB (Mongoose) to persist game state and user sessions
- Built the front-end with vanilla JavaScript, HTML5 and CSS3; tested both client and server with Jest and Supertest

Blackbox

<https://github.com/tagrgr/Smart-Home-Cloud-Pi>

Personal cloud storage server (Raspberry Pi)

- Built a Flask-based file storage server with session authentication and file/folder management, exposed on the local network
- Integrated the Blynk IoT platform for remote monitoring (CPU temperature, storage, online status) via a mobile dashboard
- Configured and maintains the Linux (Raspberry Pi OS) environment — still in active use as a home server

Moodify

<https://github.com/tagrgr/pythonMoodify2>

Mood-based playlist generator

- Built a Python app integrating the Spotify and OpenWeather APIs to generate mood-based playlists
- Automated task scheduling with APScheduler

Weather App

<https://github.com/tagrgr/mobile-and-web-weather-application-React-Native->

Cross-platform mobile app (React Native)

- Built with React Native via Expo, including location search and unit toggling
- Added offline support; tested with Jest and Supertest

Library Management System

<https://github.com/tagrgr/library-management-system-Java>

- Designed a database-backed system applying OOP, SOLID principles and design patterns (Factory, Singleton, Observer)
- Used JDBC to query a MySQL database for records

Café Roastery Database

<https://github.com/tagrgr/caffe-roastery-mongodb>

Relational vs. NoSQL data modeling

- Performed ER modelling and designed a relational MySQL database (customers, employees, suppliers, products, raw materials) for a café roastery business domain
- Modeled the same domain as a MongoDB document schema with validation rules and aggregation pipelines, comparing relational vs. NoSQL approaches to the same business problem

LANGUAGES

English

Proficient



Portuguese

Native



SKILLS

LANGUAGES

JavaScript

HTML5

CSS3

Python

Java

FRAMEWORKS & LIBRARIES

React

React Native

Node.js

Express

Flask

Bulma

Bootstrap

JDBC

Mongoose

TESTING

Jest

Supertest

DATABASES

MySQL

MongoDB

TOOLS & PLATFORMS

Git

GitHub

GitHub Pages

Linux (Bash)

Raspberry Pi

Blynk IoT

Netlify

Cisco Packet Tracer

CONCEPTS

RESTful APIs

Third-Party API Integration

OOP & SOLID Principles

Agile

Design Patterns

WebSockets

SOFT SKILLS

Customer service

Adaptability

Teamwork

Collaboration

Communication skills

Resilience

Problem-solving

Analytical

Time Management

Attention to Detail

Process Improvement

Negotiation