Tiago Valente

Software Developer at Accelleron

👤 Profile

Dynamic software developer with nearly 2 years of experience, specialising in web and mobile applications that drive efficiency and enhance user experiences. Expertise in .NET Blazor, Azure DevOps, and PowerShell supports a robust approach to automating processes and delivering scalable solutions. A strong commitment to digital transformation fuels a passion for collaborating with cross-functional teams to optimise software functionality. Continually focused on improving technical skills and embracing leadership opportunities to contribute meaningfully to innovative projects.

💼 Employment History

Software Developer at Accelleron Industries, Baden

June 2024 — Present

- **Designed and architected a .NET Blazor web app for data analytics**, collaborating on architecture and using SQL to deliver actionable insights.
- **Led quality escalation initiatives**, creating an interface that speeds up case analysis and improves quality checks.
- **Developed and maintained CI/CD pipelines in Azure DevOps-**, automating MES updates, saving ~2 hours/week, and reducing deployment errors.
- **Automated workflows with PowerShell**, integrating company tools to streamline reporting, reduce manual tasks, and boost productivity.
- **Collaborated with cross-functional teams** (production, QA, IT) to optimize software solutions and drive digital transformation.
- **Enhanced UI/UX in the .NET Blazor app**, applying user-centric design principles and ensuring accessibility standards.

IT Support Technician at Education First (EF), Zürich

January 2024 — May 2024

- **Provided technical support** to internal users, troubleshooting mobile technology issues and ensuring prompt resolution.
- **Gathered requirements** for system enhancements and bug fixes, collaborating with developers to improve functionality.
- **Conducted quality assurance testing** for software updates, ensuring reliability and compliance with standards.
- **Trained end-users and created documentation**, improving adoption and reducing recurring support requests.
- **Identified process improvements** to enhance efficiency and elevate user satisfaction within EF's tech environment.

Details

Brugg AG
Switzerland
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Nationality

Portuguese

Links

Porfolio
GitHub
LinkedIn

Skills

ASP .Net

Azure DevOps

React.Js

React Native

Typescript

JavaScript

CSS

HTML

REST

Python

Java

MongoDB

SQL Server

Git

Kotlin

PHP

Docker

Tailwind CSS

Firebase

Fast API

Languages

English

German

★ PROJECTS

Journey Buddy – React Native Mobile App (Mobile Development & Personal Project)
May 2023 — March 2025

- Developed a **cross-platform mobile app using React Native and Expo**, with Firebase Cloud integration for real-time data storage and user authentication.
- Implemented **photo-based location suggestions**, leveraging metadata to recommend places for user-generated guides.
- Built **seamless navigation and infinite scrolling** on the homepage for a smooth user experience.
- Added **social features**: saving guides, mapping, commenting, rating, and following other users.
- Optimized performance with **image caching and placeholders**, improving app responsiveness and usability.

Fitness.Pro – PHP & Vanilla JavaScript Web App (Web Development Final Project)
May 2022 — February 2023

- Developed a **health tracker web application** allowing users to log activities, view history, and interact with other users.
- Built **interactive UI components** with JavaScript for real-time updates and responsive design.
- Designed and managed a **PHP/MySQL backend** to store user data securely and efficiently.

The PongVerse – Python & PyGame (OOP Final Project)
November 2022 — March 2023

- **Developed "The PongVerse" in Python using PyGame**, creating paddle and ball classes with collision detection and score tracking.
- **Implemented adjustable screen resolutions and optional power-ups**, allowing players to customize gameplay and increasing engagement.
- **Applied OOP principles and design patterns** (inheritance, encapsulation, modular classes) to structure game logic, reducing code duplication and simplifying future feature additions.

✆ Education

Bachelor's Degree in Information Systems, NOVA IMS Information Management School, Lisbon
September 2021 — August 2023

Relevant Courses: Object-Oriented Programming (20/20), Algorithms & Data Structures (17/20), Technologies and Web Apps (17/20), Mobile App Development (16/20)

◀ References

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Portuguese

French