

# Mário Amorim



✉ mario.f.amorim@gmail.com  
☎ +351932715294  
📍 Calçada do Ganso, 10, Fiães, Santa Maria da Feira  
📅 08/04/1985  
🚩 Portuguese  
🌐 marioamorim  
✂ @marioamorim14  
🔊 marioamorim22  
🔗 <https://portfolio.marioamorim.com>

## 👤 PROFILE

I am Mário Amorim, a Computer Engineering graduate with a final GPA of 18/20, currently teaching at ISTECC Porto. With a strong background in web development, cloud computing, and workflow automation, I've led innovative projects such as the award-winning intelligent assistant "Tecas" for the JoTecA 2025 academic event. I bring a unique combination of educational expertise and technical skills, supported by hands-on experience with tools like Laravel, Docker, n8n, and Microsoft Azure. I am passionate about applying cutting-edge technologies to solve real-world problems and eager to contribute to ambitious teams focused on innovation, education, and digital transformation.

## 🎓 EDUCATION

### Bachelor's Degree in Computer Engineering

ISLA - Polytechnic Institute of Management and Technology  
09/2022 – 07/2025 | Vila Nova de Gaia, Portugal

Graduated in 2025 with a final GPA of 18/20. Developed strong technical and problem-solving skills across programming, networking, and systems architecture.

Key highlights:

- **Programming Expertise:** Achieved top grades in Web Development (Client and Server), OOP, and Advanced Programming (19–20/20). Proficient in Python, C#, JavaScript, PHP, and SQL.
- **Full-Stack Development:** Designed and implemented complete platforms using Laravel, MySQL, Docker, and n8n.
- **Project Work:** Developed award-winning projects, including the "ISLA Connect" platform and the JoTecA 2025 website and chatbot (Tecas).
- **Cloud & Infrastructure:** Hands-on experience with Azure cloud services, containerization (Docker), and VPS management (Portainer, EasyPanel).
- **Database Design & Administration:** Practical knowledge of relational databases (MySQL, MariaDB) and NoSQL (MongoDB, Supabase).
- **Automation & Integration:** Built workflow automations with n8n integrating tools such as WhatsApp, Telegram, PostgreSQL, Google Sheets, Airtable.
- **Academic Recognition:**
  - 1st Prize – Scientific Poster Competition, ISLA Gaia 2024
  - Winner – JoTecA 2025, Best Academic Project
  - Presenter – SEI'24 (ISEP), with a paper on Big Data and Decision-Making

### Bachelor of Education for Primary and Lower Secondary School, Physical Education Major

Instituto Piaget

09/2005 – 07/2009 | Vila Nova de Gaia, Portugal

Graduated with strong academic results, particularly in Physical Education. Completed teaching internships in both public and private schools. Gained hands-on experience in sports coaching, inclusive physical activities, and event organization. Actively participated in professional development and youth engagement projects.

### Postgraduate Degree in Educational Sciences, Specialization in Special Education

Paula Frassinetti College of Education

09/2009 – 07/2010 | Porto, Portugal

Developed solid expertise in Special Education, including early intervention, autism, and intellectual and sensory disabilities. Designed inclusive educational activities and participated in research and academic events. Demonstrated strong communication and adaptability working with children with special needs.

## COURSES

### **Introduction to Python,**

SoloLearn

2023

### **Introduction to C#**

SoloLearn

2023

### **Descubra o SQL**

Linkedin Learning

2023

### **Inteligência Artificial para Negócios**

Linkedin Learning

2023

### **Fundamentos de Programação: Teste de Software e Garantia de Qualidade**

Linkedin Learning

2023

### **Desafios do mundo da programação e das novas tecnologias**

Linkedin Learning

2023

### **Git e GitHub: Formação Básica**

Linkedin Learning

2023

### **Como Encontrar um Emprego na Área de TI**

Linkedin Learning

2023

### **C#: Formação Básica**

Linkedin Learning

2023

### **Inteligência Artificial para Negócios em Dez Minutos**

Linkedin Learning,

2023

### **PCAP: Programming Essentials in Python**

Cisco Networking Academy

2023

## PROFESSIONAL EXPERIENCE

### **ISTEC – Instituto Superior de Tecnologias Avançadas, Porto**

University Lecturer

02/2025 – Present | Porto

#### **Teaching undergraduate students in the Computer**

##### **Engineering program across key areas:**

- Web Client Development – HTML, CSS, PHP, MySQL
- Web Server Development – Laravel, Node.js, MongoDB
- Cloud Computing Security – Microsoft Azure security, cloud best practices
- Network Administration – Cisco Packet Tracer, LAN/WAN architecture

##### **Main achievements:**

- Lead developer of the JoTecA 2025 official website and the virtual assistant "Tecas"
- Integrated n8n automation workflows with platforms like WhatsApp, Telegram, PostgreSQL, Google Sheets and Airtable
- Promoted hands-on learning through real-world tools (Docker, VPS, CI/CD)
- Delivered innovative and engaging content to support student success and technical mastery

### **Halocenter**

Managing Partner

10/2012 – present | Santa Mªria da Feira, Portugal

Led strategic and operational management of a wellness and franchising business. Key achievements include:

- Directed finance, sales, marketing, and client relations
- Expanded the brand through a successful national franchising model
- Built strong partnerships and streamlined business processes
- Ensured consistent revenue growth and team performance

### **Ministry of Education**

Teacher

09/2009 – 08/2012 | Aveiro, Portugal

Taught primary education, music, and sociocultural animation. Designed inclusive activities, led group projects and performances, and promoted student engagement through innovative, collaborative methods.

## AWARDS

### **1st Place – Best Academic Project (JoTecA 2025)**

ISTEC – Instituto Superior de Tecnologias Avançadas

01/07/2025

Winner of the JoTecA 2025 academic conference with the article "Architecture of Intelligent Virtual Assistants for Academic Events". Developed the event's official website and integrated the chatbot Tecas using n8n, Docker, Laravel, PostgreSQL, and natural language automation.



## LANGUAGES

Portuguese



English



French



## SKILLS

### Programming Languages: Python, C#, JavaScript, HTML, CSS

Demonstrated proficiency through academic coursework and project development. Achieved high grades, reflecting strong understanding and practical application of these programming languages in various projects.

### Database Management: MySQL & MariaDB

Proficient in database management using MySQL and MariaDB, with skills in database design, querying, and maintenance.

### Operating Systems: Microsoft Windows, Linux, macOS

Skilled in using and managing various operating systems including Microsoft Windows, Linux, and macOS, demonstrating proficiency in system configuration, troubleshooting, and maintenance.

### Systems Analysis and Information Systems Architecture:

Proficient in both analyzing and modeling complex systems, and designing robust architectures for information systems. Demonstrated skills in system requirements identification, architecture design, and development of detailed models to guide efficient and scalable system integration.

### Networking and Data Communication

Acquired fundamental knowledge in Networking and Data Communication, focusing on the basics of network design, data transmission methods, and communication protocols.

### 1st Place – Scientific Poster Competition

ISLA – Polytechnic Institute of Management and Technology  
04/12/2024

Awarded 1st place in the scientific poster competition with the project "ISLA Connect – Event and Check-In Management Platform". Developed using Laravel, React, and MySQL, following Clean Architecture principles. Recognized for creativity, technical innovation, and social impact.



## PROJECTS

### JoTecA 2025 – Website & Intelligent Assistant


AI-powered Virtual Assistant for Academic Event Management  
02/2025 – 05/2025

Developed the official JoTecA 2025 platform, an academic event website featuring an AI-powered assistant named "Tecas". The assistant automated communication with participants, handled registration and check-in workflows, and integrated with platforms such as WhatsApp, Telegram and Supabase.

Key technologies used:

- Laravel, TailwindCSS, Docker, Supabase, PostgreSQL
- Workflow automation with n8n
- Deployed in VPS (Hetzner) with Portainer and HTTPS

GitHub: <https://github.com/marioamorim85/joteca2025> 

Live demo: <https://tryangleit.com/joteca25/site/> 

### Storytail – Collaborative Story Platform

Laravel web app for publishing and managing digital stories  
10/2024 – 01/2025

Developed a content-sharing platform using Laravel and MySQL for digital storytelling. Users can create, manage, and explore stories through a clean, responsive interface. Includes REST API, user authentication, and Bootstrap UI components.

Key features:

- Modular structure with reusable components
- CRUD operations with secure login and registration
- RESTful API for integration with other platforms

GitHub: <https://github.com/marioamorim85/storytail-public> 

Live demo: <https://storytail.org/> 

### Personal Portfolio – Mário Amorim


Responsive website to showcase academic and technical work  
04/2025 – Present

Designed and implemented a responsive personal website using HTML, CSS, and JavaScript. Includes sections for personal information, project gallery, contact form, and external links.

Key features:

- Responsive layout with custom CSS and semantic HTML
- Animated project cards using Framer Motion
- Code-split React components with smooth navigation

GitHub: <https://github.com/marioamorim85/marioamorim> 

Live site: <https://marioamorim.com/> 

## PUBLICATIONS

### **JoTecA 2025 – Website & Intelligent Assistant**

ISTEC Porto – Jornadas de Tecnologia Avançada (JoTecA 2025)

01/07/2025

Full-stack development and presentation of the JoTecA 2025 event platform. Featured the integration of an AI-powered assistant named “Tecas” using n8n, Laravel, PostgreSQL, and Docker. Highlighted for innovation in automation and user interaction.

### **Big Data e a Tomada de Decisão Empresarial**

SEI'24 – Simpósio de Engenharia Informática, Instituto Superior de Engenharia do Porto

15/01/2025

Presentation of an academic paper focused on the impact of Big Data in strategic decision-making. Addressed how data analysis influences organizational planning, forecasting, and performance optimization.

### **ISLA Connect – Event & Check-In Management Platform**

ISLA Gaia – Dia da Ciência 2024

04/12/2024

Presented and awarded 1st place at the Dia da Ciência 2024. ISLA Connect is an event management platform built with Laravel, MySQL, and React. Emphasized clean architecture and usability for academic events.

### **Chrome SQL Voyager**


Chrome extension for direct MySQL querying

02/2025 – 06/2025

Created a Chrome extension that allows executing MySQL queries from the browser, connected to a secure Node.js backend. Features include query history, multi-database support, and autocomplete.

Highlights:

- Secure connection handling (no credentials stored)
- Built with Manifest V3 and Express
- PM2 used for backend process management

GitHub: <https://github.com/marioamorim85/chrome-sql-voyager> 

Live link: [Not public]

### **F1 Rádio PT – Portuguese Team Radio Archive**


React app with OpenF1 API integration

01/2024 – Present

Developed a web platform that aggregates and translates Formula 1 team radios from the 2025 season. Offers real-time search, filters by team/driver, and integrates OpenF1 API data.

Key features:

- Advanced filtering and search with React
- Static blog section for race highlights
- Tailwind UI with responsive design

GitHub: <https://github.com/marioamorim85/f1-radio-portugal-online> 

Live link: [Coming soon]