ADELINO MASIOLI

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EDUCATION

- Master's in Engineering of Web Technologies and Systems

ISLA – Instituto Politécnico de Gestão e Tecnologia (ISLA-IPGT) - Vila Nova de Gaia - PT
September 2024

- Master's in Software Engineering focused on Agile Methods

UNA - Belo Horizonte - BR
February 2012 to March 2013

- Bachelor's in Systems Analysis and Development

UNATEC - Belo Horizonte - BR
February 2008 to December 2011

YEARS OF EXPERIENCE:

- 13 years of experience

LANGUAGES:

- Portuguese (Native)
- English (B2)

LOCATION:

- Porto, Portugal

SUMMARY:

- Master's in Engineering of Web Technologies and Systems
- Master's Degree in Software Engineering Focused on Agile Methods.
- Bachelor's in Systems Analysis and Development
- 13 years of experience in development, most of them focused on frontend.
- Experience with NodeJS, Express, TypeORM, Prisma ORM, ReactJS, Redux, Zustand, React, Hooks, GraphQL, Styled components, Storybook, HTML and CSS..
- Experience with mobile development with React Native.
- Experience developing web applications with PHP, Drupal, Symfony and Laravel.
- Experience in developing projects from scratch, new feature development, maintenance and bug fixing.
- Experience with Unit Testing, Jest, Cypress.
- Experience with AWS, GitHub, CI/CD and Docker.
- Experience working in Agile Methodologies, specifically with Scrum Framework and Kanban.

PROFESSIONAL EXPERIENCE

DATE	October 2024 to Present
COMPANY	Evous | Jornadas de Conteúdos com IA
FUNCTION	**Tech Lead | Software Engineer | Specialist in Architecture and Content Automation at Evous**
DESCRIPTION	I am proud to be part of Evous, a revolutionary startup leveraging Artificial Intelligence to transform knowledge bases into impactful, multimedia-rich content. As a Tech Lead, I lead a multidisciplinary team, ensuring the delivery of innovative solutions that optimise the creation of materials for training, marketing, and technical presentations. My key responsibilities include: Scalable Architecture: Designing and implementing robust architectures using FlutterFlow, Dart, Supabase, PostgreSQL, Python, and FastAPI, ensuring high performance and compliance with GDPR. Intelligent Automation: Developing applications that automate content generation from client-uploaded files, such as videos, images, PPTs, DOCs, and audio files, transforming them into Learning Journeys, Syllabi, and Training Materials tailored to various needs. Multimedia and AI Integration: Building intelligent pipelines that convert textual and visual content into dynamic videos, interactive presentations, and infographics, ready for large-scale engagement. Technical Leadership: Leading the development team and ensuring adherence to best practices in software engineering. Automation and Scalability: Delivering solutions for mass personalisation, enabling the creation of multilingual, multi-format content, reducing operational costs and production time. Evous is more than just an automation platform; it is a strategic partner for businesses seeking to revolutionise how they create, manage, and distribute content, overcoming challenges of time, cost, and efficiency. Why did I choose Evous? Evous' mission is to unlock the potential of knowledge, transforming ideas into content that inspires and drives impact. Here, I leverage my expertise in technology and leadership to build solutions that not only

	address market challenges but also create new opportunities for businesses.
TECH STACK	**Backend:** Python, FastAPI, NodeJS, NestJS **Database:** PostgreSQL **Frontend:** Flutter, FlutterFlow, Dart, HTML5, CSS3, JavaScript, NextJS **AI and Automations:** OpenAI, Dify, Make, N8N, Assembly **Deployment:** Docker **Version Control:** Git **Project Management:** Agile, Kanban, Scrum, Jira

DATE	September 2020 to October 2024
COMPANY	Solution 17 - Brighton - UK - Remote
FUNCTION	**Software Engineer**
DESCRIPTION	I developed a customised e-commerce platform using Symfony, leveraging its powerful modularity and code reuse capabilities. The project involved creating a robust product management system, implementing advanced search, filtering, and categorisation features. To optimise the user experience, I used Twig to create a responsive and intuitive front-end, incorporating performance and SEO optimisation techniques. Integration with third-party services, such as payment gateways (PayPal, Stripe) and shipping services (local couriers), was a critical aspect of the project. I developed RESTful APIs to ensure efficient communication between the services and the platform. Additionally, I implemented real-time inventory management, which integrated with Salesforce for sales automation and customer management. This not only improved client management but also allowed for detailed analysis of purchasing behaviour. The result was a 30% increase in conversions, with positive feedback from users regarding the shopping experience.
TECH STACK	**Backend:** Symfony Framework, Drupal **Database:** MySQL **Frontend:** Twig, HTML5, CSS3, JavaScript **Payment Integration:** PayPal API, Stripe API **Shipping Integration:** Local courier APIs **Caching: Symfony** Cache component **Deployment:** Docker **Version Control:** Git

	Analytics: Google Analytics **Project Management:** Agile, Kanban, Scrum, Jira

DATE	April 2022 to January 2023
COMPANY	Genesis - Lisbon - Portugal - Remote
FUNCTION	**Software Engineer**
DESCRIPTION	I worked as a full-stack developer, handling both backend and frontend responsibilities. On the backend, I utilised Drupal for CMS tasks, developed custom modules and hooks, and worked with NodeJS and Express to create and maintain APIs from scratch. My role involved ensuring optimal performance for each endpoint while balancing security and functionality. On the frontend, I employed ReactJS and NextJS to build dynamic and responsive user interfaces. Integration between Drupal and NodeJS was a key aspect of my work, enabling the CMS to manage content while NodeJS with Express integrated with the frontend in NextJS and Gatsby, enhancing application performance and scalability. The primary objective was to provide real-time content and enable user interaction, allowing features such as generating reports, creating graphs, and sharing data.
TECH STACK	**Backend:** Node.js, Express, Drupal 8/9/10 **Database:** PostgreSQL / MySQL **Frontend:** ReactJS, React Hooks, Next.js, Gatsby, React Native, Styled Components, Tailwind CSS, Atomic Design, Storybook, HTML5, CSS3 **Payment Integration:** GraphQL, JWT (JSON Web Token) **Content Management:** Custom content types and fields using Field API **Deployment:** Acquiam Docker, CI/CD (Continuous Integration/Continuous Deployment), AWS (Amazon Web Services) **Version Control:** Git, GitHub **Analytics:** Google Analytics **Project Management:** Agile, Kanban, Scrum, Jira

DATE	April 2021 to February 2022
COMPANY	CI&T - Portugal - Remote
FUNCTION	**Senior Engineer**

DESCRIPTION	I participated in the development of an educational content portal using Drupal, where I took advantage of the robust content management system that the platform offers. As a developer, I was responsible for creating custom content types and fields using the Field API, allowing for flexible management of courses and assessments.
	I implemented a user authentication and authorisation system using the Role and Permissions modules, enabling differentiated access for students, instructors, and administrators. I utilised Twig to customise page presentations, ensuring that content was displayed in an attractive and accessible manner.
	Integration with external APIs for sending notifications and reminders via email was achieved through the Rules module, allowing the system to automatically send communications to students regarding deadlines and course updates. Additionally, I employed CSS preprocessors such as SASS to ensure a modern and responsive design. The portal led to a 25% increase in course completion rates, enhancing user satisfaction.
TECH STACK	**Backend:** Drupal 7/8 **Database:** PostgreSQL / MySQL **Frontend:** Twig, HTML5, SASS (CSS Preprocessor), JavaScript **User Authentication:** Role and Permissions modules **Notifications:** Rules module for email notifications **Payment Integration:** Stripe API **Content Management:** Custom content types and fields using Field API **Deployment:** Acquia **Version Control:** Git **Analytics:** Google Analytics **Project Management:** Agile, Kanban, Scrum, Jira

DATE	June 2020 to September 2020
COMPANY	PrimeIT - Porto - Portugal - Remote
FUNCTION	**Mobile Engineer**
DESCRIPTION	Temporary contract for the development of a Mobile application with a focus on the medical and dental segment. Together with the team of engineers, React Native decided to develop hybrid Android and IOS applications.

	Backend in Java Spring with JWT for authentication and token maintenance, as well as all APIs for querying, registering, and reporting data. Integrations with Google microservices for notifications and storage and MEO payment methods were possible. Some features were developed natively for better performance or absence in React Native.
TECH STACK	**APIs:** REST API, Swagger API Documentation, JWT (JSON Web Token) **Frontend Development:** JavaScript, React Native, Redux, Styled Components, Atomic Design, Storybook **Backend:** Node.js **Real-time Communication:** WebSockets, Socket.IO **DevOps:** Docker, CI/CD (Continuous Integration/Continuous Deployment) **Version Control:** Git, GitHub **Project Management:** Agile, Kanban, Scrum, Jira

DATE	March 2018 to December 2019
COMPANY	Scoolook - Brighton - UK
FUNCTION	**Senior Software Engineer**
DESCRIPTION	I developed an event management system that utilises a RESTful API built with Symfony. The system allowed users to create, edit, and manage events efficiently. Implementing a microservices architecture, I used Docker to facilitate development and deployment. Symfony's modularity allowed me to divide the project into independent services, making it easier to scale and maintain. I employed the Symfony Serializer to convert data between different formats, such as JSON and XML, ensuring efficient communication between the front-end and back-end. Integration with Salesforce was conducted through an API that allowed for lead management, automating event promotions and analysing user behaviour. Real-time notification functionality was implemented using WebSockets, employing Symfony Messenger, which enhanced user interaction during events. Furthermore, I integrated a mobile application developed with Next.js, enabling users to access event information and interact in

	real-time. The system resulted in a 40% increase in registrations and user participation.
TECH STACK	**Backend:** Symfony Framework **Database:** MySQL **API Standards:** RESTful API (JSON) **Frontend:** Next.js (React framework), HTML5, CSS3, JavaScript **Real-time Notifications:** WebSockets (Symfony Messenger, Pusher) **Docker:** For microservices architecture **CRM Integration:** Salesforce API **Version Control:** Git **Deployment:** Docker, AWS **Project Management:** Agile, Kanban, Scrum, Jira

DATE	September 2011 to March 2018
COMPANY	Loggia Digital - Belo Horizonte - BR - Remote
FUNCTION	**Senior Software Engineer**
DESCRIPTION	I worked on a systems integration project that connected Drupal to various external APIs, such as CRM systems (Salesforce) and ERP systems (Totvs). I utilised the Services module in Drupal to expose the API, facilitating communication between systems and allowing data to be synchronised in real-time. I developed custom modules that consumed data from external APIs, using the Feeds module to efficiently import and export data. The use of Twig enabled me to render the obtained information in a clear and organised manner, enhancing the user experience. I implemented a task scheduling system with cron jobs, ensuring that updates between systems were conducted regularly. Integration with Salesforce not only improved lead management but also enabled detailed reports to be generated directly in Drupal, optimising decision-making. The project resulted in a significant improvement in the efficiency of the company's internal processes and the quality of available data.
TECH STACK	**Backend:** Drupal 7 **Database:** MySQL / PostgreSQL

	API Integration: Custom modules using Services module and Feeds module **Data Synchronisation:** Cron jobs for scheduled tasks **Frontend:** Twig, HTML5, CSS3, JavaScript **CRM Integration:** Salesforce API **Version Control:** Git **Analytics:** Google Analytics **Project Management:** Agile, Kanban, Jira

DATE	January 2009 – September 2012
COMPANY	Torchetti - Belo Horizonte - BR - Remote
FUNCTION	**Drupal Developer**
DESCRIPTION	I created an online community platform using Symfony, exploring its capabilities to manage users and real-time interactions. The forum and discussion group system was built with a modular architecture, where I used Symfony components to manage authentication, posts, and responses. I implemented a real-time notification system using Pusher, allowing users to receive instant updates on new posts and replies. Integration with automatic translation services was achieved through an external API, ensuring that users from different languages could easily interact on the platform. I utilised Twig to create a customisable and attractive layout, as well as CSS preprocessors like LESS to maintain a responsive and modern design. Integration with Google Analytics allowed me to monitor user behaviour, resulting in valuable insights that directed continuous improvements to the platform. The project resulted in a significant increase in community participation, with a 50% higher engagement rate compared to the previous version of the platform. These descriptions now emphasise your skills and experiences with Symfony and Drupal, detailing the integrations and functionalities you implemented, as well as the positive impacts these projects had.
TECH STACK	**Backend:** Symfony Framework and Drupal **Database:** MySQL **Frontend:** Twig, HTML5, CSS3, LESS (CSS Preprocessor), JavaScript

	Real-time Notifications: Pusher (WebSockets) **User Management:** Symfony Security component **Integration:** External translation API for multi-language support **Version Control:** Git

SKILLS

JavaScript (12 years)	SASS (10 years)
React JS (7 years)	CSS (13 years)
Vue JS (7 years)	Python Django (9 years)
React Native (7 years)	Ruby On Rails (8 years)
NodeJS (7 years)	PostgreSQL (8 years)
Express (7 years)	MySQL (13 years)
Jquery (12 years)	Linux (11 years)
PHP (13 years)	Docker (5 years)
Laravel (10 years)	Github (8 years)
Symfony (8 years)	AWS (5 years)
Drupal (8 years)	
WordPress (13 years)	

LINKS

https://www.linkedin.com/in/adelino-masioli/
https://github.com/adelino-masioli