



Luciano Daniel da Silva Rodrigues Duarte

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Home: Porto (Portugal)

ABOUT ME

Hello!

I am Daniel, from Porto, Portugal. I study programming since 2003 and started to work on that area in 2010. In my free times I like to go surfing, spend time with the family and friends, study and develop meaningfully projects.

With the experience that I have and with the Master's Degree in Computer Engineering, I gather the necessary skills for the good understanding of web applications' development full cycle while having great interest in designing Applications' Architecture, applying OOP, SOLID principles and Design Patterns, improving scalability, robustness, performance and security.

I have great enthusiasm and ease to approach and to learn new technologies as well as to deepen my knowledge and abilities, for this reason, I am always looking for new challenging projects in my area and learning new technologies.

I am very comfortable with working in different environments as I am a very sociable and friendly person. The SCRUM Master's certification and the opportunities that I had during my professional experience have led me to conclude that I have good project leadership skills, bringing out the best of each colleague, working as a team and producing with motivation and joy.

WORK EXPERIENCE

Senior Fullstack Web Developer

Natixis in Portugal [01/12/2017 – Current]

City: Porto

Country: Portugal

Natixis in Portugal belongs to Global Financial Services business unit, the global arm of Groupe BPCE, which focuses on two global business: Corporate & Investment Banking and Asset & Wealth Management.

As a senior developer integrated in Infrastructure's Development Team, I'm responsible for maintaining and upgrading crucial Transversal Web Tools like Budget Calculation; CMDB; Monitorization; File Transfer Configuration; WebSphere MQ configuration GUI; LDAP Authorization interface for PHP, API Gateway interface for PHP composer module.

Inserted in an Agile Environment and following SCRUM and KANBAN guidelines, I work mainly with PHP and Javascript, in the scope of Laravel and VueJS frameworks, but I also use ReactJS and Java as well, and making an intense use of internal APIs. The databases are mainly Oracle, in many cases with PL/SQL packages, and some MySQL, all of that on Linux containerized systems.

The most predominant part of my job is to refactor old big monolithic projects by upgrading the tech stack, simplifying logic, uniforming code by using standards and removing unnecessary code or third party dependencies, but to suggest what's the best strategy to develop new features as well.

As one of the persons working there for the longest time, I help integrating newcomers by explaining business rules and working methodologies, as well as mentoring juniors the importance of Unit Testing, OOP and SOLID principles, Design Patterns and SCRUM.

I actively participate in the tech meetings, contributing with opinions to help management decide better.

I present new features and developments, and promote and host light talks about tech subjects such as unit testing.

I document code and business rules and help the POs setting road maps.

I indicate what are the best approaches for solving problems, influence plannings and even organize development team tasks during a sprint.

Teamwork · Agile Methodologies · Software Architectural Design · Responsiveness · Problem Solving · Requirements Gathering · Technical Documentation · APIs · REST · Scrum · Kanban · Design Patterns · SOLID · OOP · Coding Standards

Composer · npm · SSL · Xdebug · ReactJS · UI/UX · Bootstrap · MySQL · Git · HTTPS · Laravel · PHP · JavaScript · HTML · CSS · jQuery · Java · Linux · PL/SQL · Oracle Database · PHPUnit · VueJS · Jenkins · BitBucket · Jira · Confluence · Docker

Fullstack Web Developer

Freelancing [01/2010 – Current]

City: Porto

Country: Portugal

Develop all type of web sites, from e-commerce to simple static pages, but with special attention to design, responsiveness, UI/UX, performance, optimization and SEO.

Implementing and improving Design Patterns and Software Architecture and developing with clean, secure, robust and scalable code, while getting to know more and newer technologies.

Intense use of APIs, such as Facebook, Google (Maps, Location, Schedule), X (Twitter), LinkedIn or Pinterest.

Integrating all sorts of tools like calendars, online payments, social networks.

Handling huge feeds of data and broadcasting it with sockets.

Designing architectures like PHP REST API and Vue.JS SPA, Deno backend with middleware structure approach and HTMX, or SPA with server side routing using Inertia, among others.

Main techstacks: VILT (Vue.JS, Inertia, Laravel, TailwindCSS); HOTED (HTMX Oak framework, TailwindCSS, EJS Embedded Javascript Templates, Deno).

Always trying to keep up with the latest trends in web development and learning new technologies.

Agile Methodologies · Software Architectural Design · UI/UX · Web Design · SEO (Search Engine Optimization) ·

Responsiveness · Problem Solving · Requirements Gathering · Technical Documentation · Performance ·

Optimization · Refactor · APIs · SCRUM · KANBAN · Design Patterns · SOLID · OOP · Coding Standards · REST · SPA · Monolithic

ReactJS · composer · npm · SEO (Search Engine Optimization) · SSL · XDebug · Google Webmaster Tools · Bootstrap

· Git · MySQL · DenoKV · InertiaJS · HTTPS · NodeJS · Deno · ExpressJS · Oak framework · TailwindCSS · Laravel · PHP ·

Javascript · HTML · CSS · jQuery · Linux · PHPUnit · VueJS · GitLab · GitHub · Docker

Fullstack Web Developer

Codigree, Unipessoal Lda. [01/04/2016 – 30/11/2017]

City: Porto

Country: Portugal

Web systems development; design and marketing of multimedia products and solutions; analysis of computer systems and software programming.

ION CMS - Created a CMMS's FrontEnd with Angular from scratch, using REST, MVC and OOP and SOLID principles, as well as Bootstrap and Material design, making sure that strong software engineering principles are implemented, while answering client and design team's demands, guiding a 3 person team.

HowManyGoals - Phalcon API together with Angular frontend rich in UX features and a very strong use of sockets for live scores features. Modular approach in an MVC structure using REST, OOP and SOLID principles.

Dashboard - Custom framework that eases the creation of other web sites, based on a CodeIgniter core and using MVC Architectural Pattern.

Teamwork · Agile Methodologies · Software Architectural Design · SEO (Search Engine Optimization) · UI/UX · APIs · Responsiveness · Problem Solving · Git · Requirements Gathering · Technical Documentation · Scrum · REST · Design Patterns · SOLID · OOP · Coding Standards
Composer · npm · MongoDB · Phalcon Framework · CodeIgniter · Angular · TypeScript · Xdebug · MariaDB · Bootstrap · MySQL · PHP · JavaScript · HTML · CSS · jQuery · Linux · PHPUnit · Gulp · Grunt · Bower · BitBucket · SQLite

iOS Developer

Porto Tech Center by Rocket Internet [01/11/2015 – 29/02/2016]

City: Porto

Country: Portugal

E-commerce iOS Platform acting in Africa.

Inside iOS's Jumia App development team I am part of User Experience's group.

Work is done based in a SCRUM Agile methodology.

MVC architectural pattern and design patterns, besides coding standards, are used in the development.

Teamwork · Agile Methodologies · UI/UX · Web Design · Responsiveness · Problem Solving · Technical Documentation · APIs · Scrum · Design Patterns · SOLID · OOP · Coding Standards
SQLite · Objective-C · Git · Jira · GitHub

Backend PHP Developer

Porto Tech Center by Rocket Internet [01/12/2014 – 31/10/2015]

City: Porto

Country: Portugal

The Leading E-commerce Platform in Africa.

As part of 3rd party integration team, I managed the integration of external payment APIs, in an Linux environment. My first experience in a real big team, organized in SCRUM smaller teams and I've learned all about Agility as well as about Unit Testing, until today I record this as one of my best experiences as developer. MVC architectural pattern and design patterns, besides OOP and SOLID coding standards, are used in the development.

Teamwork · Agile Methodologies · Problem Solving · Requirements Gathering · Technical Documentation · APIs · Scrum · Design Patterns · SOLID · OOP · Coding Standards
Composer · npm · SSL · Xdebug · MariaDB · Git · Zend framework · HTTPS · PHP · JavaScript · HTML · CSS · jQuery · Linux · PHPUnit · SVN · Solr · memcached · RabbitMQ · GitHub · BitBucket · Jira · Confluence · Yii framework

Fullstack PHP Web Developer

BYDAS, Agência de Comunicação Digital, Lda [01/03/2014 – 30/11/2014]

City: Porto

Country: Portugal

Corporate Web Projects and Digital Marketing.

Backend and Frontend development using a custom framework.

Construction of multiple Websites according to various requests from different areas' customers.

Intense use of a wide range of APIs, such as Google (Maps, +), Facebook, PayPal, Invoice Express, Easy Pay, mainly from social and finance integrations.

Facebook Games and Promotions.

SEO campaigns and optimization.

Maintenance of <http://www.porto.ucp.pt/> Drupal portal.

Oporto City Flats: <http://www.oporto-cityflats.com/> .

Colmeia, Growing Ideas - Croudfunding Social Network: <http://www.colmeia.eu/> .

Teamwork · Agile Methodologies · SEO (Search Engine Optimization) · UI/UX · Web Design · Responsiveness · Problem Solving · Requirements Gathering · Technical Documentation
npm · Google Webmaster Tools · Drupal · Bootstrap · MySQL · APIs · PHP · JavaScript · HTML · CSS · jQuery · WordPress · Facebook API · Google APIs · LinkedIn API · EasyPay API · InvoiceExpress API · Paypal API · Kigo API · OAuth

Fullstack Web Developer

Boleia.net [01/02/2013 – 30/11/2014]

City: Porto

Country: Portugal

Carpooling platform.

Developing and maintaining Front and Backend of a multi-language and multi-domain portal, built on Drupal CMS, with a base structure composed of Boxes, Views, Domain Access, Context and Features modules and Solr search Engine Server.

Development of custom modules, themes and templates for B2B and client portals.

Integration of external APIs such as Facebook or Google Maps.

Work carried inserted in an international team and synchronization done using GitLab and video calls in English.

Teamwork · Agile Methodologies · Search Engine Optimization (SEO) · Responsiveness · Problem Solving · Requirements Gathering · Technical Documentation · APIs

npm · Google Webmaster Tools · Drupal · Git · MySQL · PHP · JavaScript · HTML · CSS · jQuery · Linux · Solr · Jenkins

Fullstack Web Developer

Allmybooking.com, Lda [06/2012 – 31/12/2013]

City: Porto

Country: Portugal

AllMyBooking.com actively promotes and helps tour operators and their customers in the commercial process of experiences, leisure and well-being activities.

In a company of 1 project dedicated to booking activities and owned by a professor who hired me in my licentiate's degree, me, as the main developer, got the opportunity to be mentored by him. My main responsibilities were to develop the administration and partners Backoffices, as well as the Frontend; Database development and maintenance;
Integrating Facebook and Google (Maps, +) APIs;
Error detection and correction;
Responsive Web Design UI/UX;
Illustration and content creation.

Teamwork · Software Architectural Design · Google Webmaster Tools · UI/UX · Web Design · Bootstrap (Framework) · Responsiveness · Problem Solving · Requirements Gathering · Technical Documentation · APIs · MVC · OOP
MySQL · PHP · JavaScript · HTML · CSS · jQuery · Datatables.net · Facebook API · Google+ API

Backend Web Developer

Gesticumpre, Lda. [05/2011 – 04/2012]

City: Porto

Country: Portugal

Inserted in a financial services context, this company was focused on credit recovery.

Despite being a junior developer, having the opportunity to work in a small bad credit recovery company with only 3 developers, allowed me to be in a position with big responsibility.

I was in charge for the development of dynamic reports of the company's results to inform the customer Banco Popular;
Maintenance and update of the internal IT system, which had the debtor profiles and their relevant financial information as well as all the call center activity;
Gathering of business requirements with the legal team with the purpose of adding new functionalities to the IT system for them;
Adjusting and improving UI/UX;
Application development for mobile devices;
Database maintenance.

Teamwork · UI/UX · Responsiveness · Problem Solving · Requirements Gathering · Technical Documentation · OOP
Git · iReport · Ext JS · Sencha Touch · Zend framework · MySQL · PHP · JavaScript · HTML · CSS · jQuery · Java · Linux

Trainee Fullstack Web Developer

PComp - Programação de computadores Lda [10/2010 – 03/2011]

City: V.N.Gaia

Country: Portugal

Computer programming and SaaS solutions.

Applying basic web principles in HTML, CSS and Javascript but also a little of PHP and .NET in static web site development.

Teamwork · UI/UX · Web Design · Problem Solving · Requirements Gathering
MySQL · PHP · JavaScript · HTML · CSS · .NET

EDUCATION AND TRAINING

Master's Degree in Computer Engineering - Graphics and Multimedia Systems

ISEP - Instituto Superior de Engenharia do Porto [2013 – 2015]

City: Porto

Country: Portugal

Website: <https://www.isep.ipp.pt/>

NQF Level: Master's Degree

Multimedia Applications Architecture · Interfaces and Design · Technologies and Multimedia Systems · Mobile Systems · Conception and Multimedia Authoring · Graphics Systems' Complements · Image, Audio and Digital Video · Multimedia Learning Systems · Innovation and Entrepreneurship · Advanced Graphics Applications · English.

Achieved the 1st classification in the "Innovation and Entrepreneurship" contest, held by ISEP Students Association and appreciated by the distinguished representatives of Caixa Geral de Depósitos, aeISEP, ISEP, ISEP's Innovation and Entrepreneurship Cabinet, with the project "How Many Goals".

Licentiate Degree in Multimedia Engineering

ISTEC – Instituto Superior de Tecnologias Avançadas [2010 – 2013]

City: Porto

Country: Portugal

Website: <https://istec-porto.pt/>

NQF Level: Licentiate's degree

Networks and Internet · Computer Programming · Graphic Animation Techniques · Database and DBMS · Web Application Development · Image, Audio and Video on the Internet Technologies · Multimedia Scriptwriting · Desktop Publishing · Web Multimedia · Interactive Digital Media · Interactive Media Editions · Online Content Management · Business Management · Computer Law.

Participation in the seminars:

"Software Engineering for the Web";
"Content Management with Open Source Platforms";
"Event-driven I / O server-side JavaScript environment based on V8 engine";
"Cloud Computing";
"Mobile Devices Development".

Level V, technological specialization in Technology and Programming of Information Systems, Programming

FORINO, Associação para Escolas de Novas Tecnologias [2008 – 2010]

City: Maia

Country: Portugal

NQF Level: Level V

Programming · Database · Structure, Organization and Data Processing · Decision support systems · Technologies · Computer Applications · Algorithms · Object Oriented Programming · English.

Secondary School, Scientific and Natural, Course: Computer

Escola Secundária Carolina Michaelis [2002 – 2007]

City: Porto

Country: Portugal

Website: <https://aecarolinamichaelis.pt/aecm3/>

NQF Level: Level III

Programming · Structure, Organization and Data Processing · Technologies · Computer Applications · English.

LANGUAGE SKILLS

Mother tongue(s): **Portuguese**

Other language(s):

English

LISTENING C2 READING C2 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Spanish

LISTENING B1 READING B1 WRITING A2

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PROJECTS

DanielDuarte.eu

[01/10/2023 – Current]

Personal Web Site, dynamic platform that serves as both a showcase of my expertise as a Fullstack Web Developer and an innovative, interactive curriculum vitae.

In an effort to stay current with the evolving tech landscape and leverage the benefits of new technologies, I've chosen a personalized tech stack that includes Deno, Oak, EJS, Tailwind CSS, and HTMX.

By effectively using these technologies, I've been able to build a high-performing, robust, and optimized website. It's not just about choosing the right tools, but also about using them well.

Agile Methodologies · Software Architectural Design · Google Webmaster Tools · UI/UX · Web Design · Responsiveness · Problem Solving · Git · Requirements Gathering · Technical Documentation · Search Engine Optimization (SEO) · HTMX · OAK framework · TailwindCSS · EJS (Embedded Javascript Templates) · APIs · Middleware Structure · Scrum · Deno · Deno KV · typescript · javascript · HTML · CSS · REST · GitHub · Design Patterns · SOLID · OOP · Coding Standards

Link: <https://danielduarte.eu/>

ID-Natural.eu

[Current]

Built using VILT (Vue, Inertia, Laravel and Tailwind) tech stack.

Main features are:

- Roles (different access levels);
- Super Admins can impersonate and do some system actions like clear cache
- Admins can set environment variables like, adding new access levels, configure keys to access APIs or changing the content of the site
- Publishers are able to publish in the Blog and automatically share to Facebook, Instagram, Twitter and/or Pinterest
- Therapists can create therapies and start promotions, and they have access to the scheduler where they set their availability and manage the appointments
- Clients can schedule appointments, buy therapy sessions and see the upcoming events, invoices and history
- The RGPD policies are followed by providing the possibility of deleting your user data
- Blog which allows automatic share to Facebook, Instagram, Twitter and/or Pinterest
- Google Maps and Google Maps Autocomplete integrated
- Dynamic content, which can be updated from the backoffice
- Internationalization, multiple languages
- Newsletter
- Performance - Cache management, scheduled tasks, zipped payloads, only loads necessary libraries, does not have unnecessary third party libraries
- Accessibility - Fully responsive, with night mode, respects headers hierarchy, contrast and size.
- Best practices - effective against XSS attacks, HTTPS
- SEO optimized, following ALL the available rules
- Progressive Web App - can be installed and used like a native app
- Scheduled tasks for communication with the user

Agile Methodologies · Software Architectural Design · Composer · npm · Search Engine Optimization (SEO) · Xdebug · Google Webmaster Tools · UI/UX · Web Design · Responsiveness · Problem Solving · Git · Requirements Gathering · Technical Documentation · MySQL · APIs · Inertia.js · Tailwind CSS · Laravel · Scrum · PHP · JavaScript · HTML · CSS · Linux · PHPUnit · Vue.js · Docker · WSL2 · GitLab · Design Patterns · SOLID · OOP · Coding Standards · WordPress

Link: <https://id-natural.eu/>

HONOURS AND AWARDS

1st place in "Projectos & Ideias" entrepreneurship contest.

aelSEP - Instituto Superior de Engenharia do Porto [11/04/2015]

In the scope of "Innovation and Entrepreneurship" contest, held by ISEP Students Association and appreciated by the distinguished representatives of Caixa Geral de Depósitos, aelSEP, ISEP, ISEP's Innovation and Entrepreneurship Cabinet, with the project "How Many Goals", I was able to achieve the 1st classification.

MANAGEMENT AND LEADERSHIP SKILLS

Being a Senior Developer

Experience integrating newcomers by explaining business rules, the whole IT eco-system and working methodologies, as well as mentoring juniors the importance of Unit Testing, OOP and SOLID principles, Design Patterns and SCRUM.

Because of my technical knowledge and my aptitude to being pro-active, many times I get to be in a place where it's me indicating what are the best approaches for solving problems, influencing plannings and even organizing the development team tasks during a sprint.

The Code Review moment is a very important event where I take the opportunity to talk about the practical solution for the problem, analysing it carefully, to try to optimize the code to its fullest, following rules and/or standards, prevent security issues and making sure scalable and readable code is implemented.

ORGANISATIONAL SKILLS

Organisational skills

Development of organizational and methodological sense, sense of rigor, habits of effort and perseverance, time management, ability to perform work requiring great effort, concentration, thoroughness and respective ability to manage and release all the stress associated.

Ability to manage projects and budgets both professionally and in personal life.

Having the Professional SCRUM Master 1 certification and a deep knowledge of the SCRUM as Developer or Product Owner, allows me to organize perfectly in a modern development team, however, I also have experience in being agile and understanding that things can change and it might be necessary to adapt or evolve, or even recognize that it is required to go back to a previous approach.

HOBBIES AND INTERESTS

Family and friends

Me, my girlfriend and our little daughter of 4, together with some animals and plants, are a humble happy family which enjoy living with lots of love and fun, and try taking the most out of life.

Like many families, we do our best to pay our house, leave some for vacations and try to value the money that we have left.

Balancing work with personal life is a task that we continually perform with proud and will, which allow us to be happy and improve our life quality.

I have an extraordinary group of friends with whom I've shared many experiences since my childhood and all of us are very sociable persons.

I also made many friends while working in my different jobs, with whom I still socialize.

Surf

Individual water sport that consists of standing up in a surf board while riding sea waves and making manouvers. It requires a good physical preparation and sometimes mental as well, when the environment conditions are more difficult, good balance and great sense of posicioning.

Many times there are competition between surfers to get to have the best wave.

But even if it is an individual sports, there are many social moments as well between all the comunity.

Sometimes it is hard to catch the best moment to surf as they depend on the weather and sea tides.

Developing interesting projects

Whenever I get excited with some idea or I find that I can help people around me with my skills, I dive into a new project and I make sure to chose some latest trend and take the opportunity to learn more.

It's a good oportunity to escape the technologies used in the projects at work and try and get to know more besides that.

Crossfit

Crossfit is a gym sport that is a mix of gymnastics and weightlifting.

Most of the times it is a team sport where a team of 2 or more have a certain time to do a certain number of an exercise repetitions. It requires a great sense of comradeship and helps improve effort and perseverance capacity throughout the challenge.

It is easy to schedule trainings to the times that best fits my availability.

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

Ability to adapt to different cultural environments as well as different work environments. A young attitude and a very good social life enables positive and fun interactions with the people around me.

I find joy in talking about technologies and the IT state of the art, and discussing subjects in the daily life of a developer such as SCRUM, coding standards or problems that we might face.

Promoting and hosting light talks about tech subjects such as unit testing.

Contribute with opinions during tech meetings to help management decide better.

Presentations about new features and developments.

Documenting code and business rules and helping the POs setting road maps.

Currently improving the hability to make presentations for bigger audiences.

Yours sincerely, Daniel Duarte

Porto, Portugal, 27/12/2023