

## CV FRONT PAGE

<b>Surname, first name :</b>	Luna, Marcel Morais		
<b>Date of last update :</b>	01/2025		
<b>e-mail address:</b>	digit-tm2-lot1@arhs-developments.com		
<b>External service provider information:</b>	Date of birth: 27/08/1982	Nationality: Brazilian	
<b>Type of contract:</b>	Employer: ARHS Developments <input type="checkbox"/> Permanent (Check the appropriate) <input type="checkbox"/> Non-permanent <input checked="" type="checkbox"/> Freelancer: Name of freelance company: M2L Solutions Date of recruitment: 09/2021 Number of months working for the tenderer: 11 months Comments: ..... .....		
<b>Current function :</b>	Application Architect / Software Developer (indicate the function in the company)		
<b>Profile for which external service provider is entered:</b>	Application/Cloud Architect <b>Date available: Estimated earliest availability on 12/09/2022 (After current SC)</b>		
<b>Highest relevant educational qualification:</b>	Check the appropriate : <input checked="" type="checkbox"/> Master degree or equivalent (≥4 years) <input type="checkbox"/> Bachelor degree <input type="checkbox"/> Secondary school <b>Number of (successful) years of study after secondary school: 6</b>	Certificate or diploma: Bachelor's in computer science Institute: Faculdade de Tecnologia e Ciências, BR Specialization in Software Engineering Institute: Faculdade Ruy Barbosa	End date of secondary school: (mm/yy): 07/01 Start date of higher studies: (mm/yy): 01/02 End date of studies (mm/yy): 11/06 Start date of higher studies: (mm/yy): 06/12 End date of studies (mm/yy): 11 / 14
<b>Languages:</b> (indicate level of skill: from 1=basic to 5=excellent)	English: French: German: Other(s): Portuguese	Spoken 5 2 --- 5	Written 5 1 --- 5
<b>Professional experience</b>	Date IT career started: 02/2004		Number of years/months of experience (apart from the studies): 12 years and 7 months (16 years and 4 months in total)
<b>Specific expertise(s)</b> (with number of months experience for each)	Java (163), Javascript (174), Spring (163), Hibernate (163), Microservice (70), JIRA (60), Confluence (60), Bitbucket (60), Bamboo (60), Angular (70), Oracle (60), Weblogic (60), Cloud Native architectures based on Spring Cloud (60), Enterprise Architecture (70), UML (60), Business Process Analysis (60)		
<b>Standard(s) or certificate(s)</b>	N/A		

<b>Proposed level</b>	<b>7</b>
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## CV Summary

- Experience in the full software development lifecycle, working with analysis, design, coding, and promotion into production, creating elegant solutions using Java, PHP, C#, HTML, CSS, JavaScript, Spring Boot, Angular, bootstrap and ElasticSearch.
- Competence to jump between frontend and backend work, performing tests, integrations and process automation using REST APIs, handling multiple types of calls, returning different data formats and changing structurally, when necessary.
- Ability to support ongoing business requirements, maintaining and enhancing existing systems, offering client-based experiences and applying strong problem-solving skills with a get it done attitude.
- Expertise to work closely with Product Owners, Analysts and QA in an Agile environment to ensure quality and security of applications, and to ensure code meets development standards and guidelines.
- Experience with reviewing the architecture of existing systems and designing the architecture of new ones, deciding on all the technical components of an application, acting as a liaison between the developers and the project leaders.

**CV training page**

<b>CV training page number for this CV:</b>	<b>1</b>
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<b>TRAINING</b>				
	<b>Training name:</b>	<b>Company/institute organising the training:</b>	<b>Date(s) training followed:</b>	<b>Exams or certificates:</b>
1.	Oracle Certified Associated Java 8 Programmer	Oracle	60/10/2018	Exam
2.	Scrum Fundamentals Certified	SCRUMStudy	26/09/2018	Exam
3.	TDD for developer	Udemy	24/07/2018	Certificate
4.	Unreal Essentials		60/10/2017	Certificate
5.	Unity3d	Udemy	25/10/2017	Certificate
6.	Unity and C#	Udemy	17/02/2018	Certificate
7.	Web Developer	Udemy	20/04/2018	Certificate
8.	Demoiselle Java Framework	Serpro	25/04/2032	Certificate
9.	CCNA – Cisco Certified Network Associated.	Cisco	60/10/2006	Exam
10.	Mainframes: Cobol, DB2, CICS and PL/1	Senai	20/08/2006	Certificate
11.	Linux Advanced	Ruy Barbosa University	08/08/2002	Certificate
10.	Security on Cisco Platform	Ruy Barbosa University	08/08/2002	Certificate

**CV software expertise page**

<b>CV software expertise page number for this CV:</b>	<b>1</b>
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<b>Software expertise</b>				
	<b>Tool (when possible precise manufacturer, product name and version(s))</b>	<b>Competence (rating : 1 - 5)</b>	<b>Duration (in months)</b>	<b>Description (reference to relevant entries under “professional experience” is mandatory)</b>
	Java 6,8	5	163	1, 2, 3, 4, 6 and 7
	Javascript	5	174	1, 2, 3, 4, 6, 7 and 9
	Angular	5	70	1, 2
	Hibernate	5	163	1, 2, 3, 4, 6 and 7
	Struts	3	70	1 and 7
	JSF	5	103	2, 3, 4, 6 and 7
	MySQL	5	174	1, 3, 4, 6, 7 and 9
	PostgreSQL	5	31	2 and 4
	SQL Server	5	51	7
	Cisco	5	174	2-8
	Extreme	5	174	2-8
	D-link	5	174	2-8
	Windows	5	196	1-9
	Linux	5	196	1-9
	Maven	4	174	1, 2, 3, 4, 6, 7 and 9
	Ant	2	18	4
	Tomcat	5	70	1, 2, 3, 4, 6 and 7
	Jboss	4	70	1, 7
	Spring	5	70	1, 2, 3, 4, 6 and 7
	Scrum	4	98	1, 2, 3, 4 and 5

*DIGIT-TM II – CV Form for Time & Means services*

	PMP	4	55	3,5
	Junit	4	70	1, 2, 3, 4, 6 and 7
	TDD	3	112	1,2, 3 and 4
	BDD	3	112	1,2, 3 and 4
	HTML	5	174	1, 2, 3, 4, 6, 7 and 9
	CSS	5	174	1, 2, 3, 4, 6, 7 and 9
	APACHE	5	174	1, 2, 3, 4, 6, 7 and 9
	TYPESCRIPT	5	60	1
	ELASTICSEARCH	4	60	1
	IONIC	4	32	2
	Json	4	35	1,2
	SOA	4	60	1,2
	Enterprise Architecture	5	60	1,2
	Business Process Analysis	5	124	1, 2, 3, 4 ,6 and 7
	UML	5	124	1, 2, 3, 4 ,6 and 7
	SOAP	5	124	1, 2, 3, 4 ,6 and 7
	Design patterns	5	124	1, 2, 3, 4 ,6 and 7
	CQRS	5	60	1
	Event sourcing	4	60	1
	Spring Core	5	70	1, 2, 3, 4, 6 and 7
	NoSQL	5	32	2
	Jackson/Gson	5	60	1 and 2
	Agile	5	70	1, 2, 3, 4, 6 and 7
	Jira	4	60	1
	Confluence	4	60	1
	Bitbucket	5	60	1
	Bamboo	3	60	1

*DIGIT-TM II – CV Form for Time & Means services*

	Cloud Native architectures based on Spring Cloud	5	60	1
	Zuul	4	60	1
	Spring Security	4	60	4
	SVN (Subversion)	4	60	4
	Microservice	5	60	1, 2
	Oracle	4	60	1
	Weblogic	4	60	1
	AWS	5	60	1,2, 3 and 4

**CV professional experience page**

<b>CV experience page number for this CV:</b>	<b>1</b>
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<b>PROJECT EXPERIENCE</b>	
<b>Project name:</b>	Regdoc, Transparency, RSBNet, Better Regulation Portal
<b>Company (employer):</b>	ARHS Developments (previously with Intrasoft International)
<b>Dates (start-end):</b> <b>Effective number of months achieved:</b>	01/2020 - ongoing 60
<b>Client (customer) :</b>	European Commission (EC) – DG SG
<b>Project size:</b>	Large
<b>Project description :</b>  Development of a repository of all published document made by European Institutions that are open to the public.	
<b>External service provider's roles &amp; responsibilities in the project:</b>  Application Architect / Software Developer: <ul style="list-style-type: none"> <li>● Responsibility for coding.</li> <li>● Review of the architecture of the existing systems</li> <li>● Design and architecture of new systems</li> <li>● Performing Data analysis and data modelling</li> <li>● Follow- up of the whole planning and deliverables.</li> <li>● Identify tools and equipment which are necessary to implement the project</li> <li>● Give proposals for project strategies, planning, definition of tasks and deliverables, quality control, risk analysis and management, status reports, problem reporting and organisation.</li> <li>● Business Process Analysis</li> <li>● Production of technical documents in relation to the architecture of the systems</li> <li>● Participation in technical working groups, progress meetings &amp; meetings with the project manager.</li> </ul>	
<b>Technologies and methodologies used by the external service provider in the project:</b>  Java, Tomcat, MySQL, TDD, Eclipse, Redis, Spring, Spring-boot, Spring-Security, Angular, CSS, TypeScript, Bootstrap, PrimeNG, Angular-Material, Elasticsearch, JSP, Junit, Rest, Json, SOA, enterprise architecture, Cloud Native architectures based on Spring Cloud, UML, SOAP, Design Patters, Spring Core, Agile, CQRS, Event Sourcing, Jackson/Gson, JIRA, Confluence, Bitbucket, Bamboo, Zuul, Microservice, AWS	

**CV professional experience page**

<b>CV experience page number for this CV:</b>	<b>2</b>
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PROJECT EXPERIENCE	
<b>Project name:</b>	SmartTest and SIG
<b>Company (employer):</b>	X-testing
<b>Dates (start-end):</b>	12/2018 – 12/2019
<b>Effective number of months achieved:</b>	32
<b>Client (customer) :</b>	X-Testing
<b>Project size:</b>	Large
<b>Project description :</b>  Development of tool that guarantee the quality and maturity of client software. The system will integrate with artificial intelligence software for automatic generation of test cases through system requirements.  Development of a medical account management system (Back Office and mobile application)	
<b>External service provider's roles &amp; responsibilities in the project:</b>  Application Architect / Software Developer: <ul style="list-style-type: none"> <li>● Responsibility for coding.</li> <li>● Review of the architecture of the existing systems</li> <li>● Design and architecture of new systems</li> <li>● Performing Data analysis and data modelling</li> <li>● Follow- up of the whole planning and deliverables.</li> <li>● Identify tools and equipment which are necessary to implement the project</li> <li>● Give proposals for project strategies, planning, definition of tasks and deliverables, quality control, risk analysis and management, status reports, problem reporting and organisation.</li> <li>● Business Process Analysis</li> <li>● Production of technical documents in relation to the architecture of the systems</li> <li>● Participation in technical working groups, progress meetings &amp; meetings with the project manager.</li> </ul>	
<b>Technologies and methodologies used by the external service provider in the project:</b>  Java, Jboss, PostgreSQL, TDD, Eclipse, MongoDB, Redis, Spring, Spring-boot, Java Server Faces, PrimeFaces, HTML, Bootstrap, JavaScript, Ionic, Ant, Junit, Rest, Json, xml, SOA, enterprise architecture, UML, SOAP, Design Patterns, Spring Core, Agile, NoSQL, Jackson/Gson, Microservice	



**CV professional experience page**

<b>CV experience page number for this CV:</b>	<b>3</b>
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PROJECT EXPERIENCE	
<b>Project name:</b>	#1 Toll Plaza Implementation; #2 Contract Manager System
<b>Company (employer):</b>	Concessionária Bahia Norte
<b>Dates (start-end):</b> <b>Effective number of months achieved:</b>	05/2015-06/2018 #1 14 (due to overlap) #2 6
<b>Client (customer) :</b>	Same
<b>Project size:</b>	Large
<p><b>Project description :</b></p> <p>#1 Project of a new toll plaza implementation, in which I was involved in all steps, from its conception, definition of technology, hardware and software, to be used.</p> <p>It was included in the process:</p> <ul style="list-style-type: none"> <li>• Definition of infrastructure</li> <li>• Servers</li> <li>• Storages</li> <li>• CFTV System</li> <li>• Access control</li> <li>• Data network</li> <li>• Radio communication.</li> </ul> <p>#2 Development of tool in Java, JSF and mySQL, used to manager all contracts that the company have, in order to keep track of:</p> <ul style="list-style-type: none"> <li>• Finance</li> <li>• Period</li> <li>• Alert of invoices</li> <li>• Adjustments</li> <li>• Contract extensions.</li> </ul>	
<p><b>External service provider's roles &amp; responsibilities in the project:</b></p> <p>Team Leader:</p> <ul style="list-style-type: none"> <li>• Responsibility of the management of the team.</li> <li>• Follow- up of the whole team planning and deliverables.</li> </ul>	

- Identify tools and equipment which are necessary to implement the toll plaza.
- Give proposals for project strategies, planning, definition of tasks and deliverables, quality control, risk analysis and management, status reports, problem reporting and management systems, follow up and organisation.
- Business Process Analysis
- Participation in technical working groups, progress meetings & meetings with the users.

**Technologies and methodologies used by the external service provider in the project:**

PMP, Java, JSF, MySQL, Linux, UML, SOAP, Design Patterns, Spring Core, Agile.

**CV professional experience page**

CV experience page number for this CV:	4
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PROJECT EXPERIENCE	
<b>Project name:</b>	PAME, BAMEQ, SE3, SISGENDA
<b>Company (employer):</b>	Motiro Sistemas
<b>Dates (start-end):</b>	06/2015-07/2017
<b>Effective number of months achieved:</b>	18
<b>Client (customer) :</b>	Cofic
<b>Project size:</b>	Small
<b>Project description :</b>  <p>PAME - Patient care system for the industrial area of Camaçari.</p> <p>Bameq - A management system for all chemicals used in the industrial area of Camaçari, serving as a database of product information and first aid in case of accidental contact with such products.</p> <p>SE3 - Accident management system for the industrial area of Camaçari.</p> <p>SISGENDA - Meeting management system, used to organize the meetings of all emergency groups in the industrial area of Camaçari.</p>	
<b>External service provider's roles &amp; responsibilities in the project:</b>  <p>As a full-stack developer I performed:</p> <ul style="list-style-type: none"> <li>• requirements survey work</li> <li>• defined the data structure</li> <li>• performed a system development focused on data security and integrity.</li> <li>• Prepared all system documentation for user training and maintenance.</li> <li>• carried out tests on the quality of the system to deliver the system with as less bugs possible.</li> <li>• performed user support activities;</li> <li>• Business Process Analysis</li> <li>• supported the strategic decisions of the customer in the area of technology;</li> </ul>	
<b>Technologies and methodologies used by the external service provider in the project:</b>  <p>Java, Javascript, postgresSQL, Tomcat, Linux (OpenSuse), iReport, JSF, hibernate, Spring Security. SCRUM, JUnit, Maven, Subversion, Mantis, UML, SOAP, Design Patterns, Spring Core, Agile.</p>	

**CV professional experience page**

<b>CV experience page number for this CV:</b>	<b>5</b>
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<b>PROJECT EXPERIENCE</b>	
<b>Project name:</b>	Fifa World Cup 2014
<b>Company (employer):</b>	Solutis Tecnologias
<b>Dates (start-end):</b>	11/2032-02/2015
<b>Effective number of months achieved:</b>	16
<b>Client (customer) :</b>	<b>Arena Fonte Nova</b>
<b>Project size:</b>	Large
<b>Project description :</b>  As a team leader, user support services were performed, maintaining the level of service above the agreed standards; We have maintained the entire company infrastructure including servers, telephony, networks (wired and wireless), storage, backup systems, contract management and technical decision support. All this to maintain the high standard required by FIFA for the holding of the world cup of football.	
<b>External service provider's roles &amp; responsibilities in the project:</b>  Team Leader: <ul style="list-style-type: none"> <li>● Responsibility of the management of the team.</li> <li>● Give proposals for project strategies, planning, definition of tasks and deliverables, quality control, risk analysis and management, status reports, problem reporting and management systems, follow up and organisation.</li> <li>● Participation in technical working groups, progress meetings &amp; meetings with the users.</li> <li>● Maintain the SLA standard.</li> </ul>	
<b>Technologies and methodologies used by the external service provider in the project:</b>  PMP, ITIL, COBIT.	

**CV professional experience page**

<b>CV experience page number for this CV:</b>	<b>6</b>
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<b>PROJECT EXPERIENCE</b>	
<b>Project name:</b>	#1 Toll System #2 SGPEX #3 Anomaly Control System #4 Performance Evaluation System
<b>Company (employer):</b>	Concessionária Bahia Norte
<b>Dates (start-end):</b> <b>Effective number of months achieved:</b>	05/2011-10/2032 30
<b>Client (customer) :</b>	Concessionária Bahia Norte
<b>Project size:</b>	Large
<b>Project description :</b>  #1 Implementing the TOLL Plaza System, responsible to manager all comapnie's toll plazas. The application is responsible of keeping track of all vehicules that passes; manager all incamings; detects the vehicule in order to discover difference between the ticket collector and what the sensores detected. Centralized all informations from all 5 plazas and all 96 lanes in a Manager level system (N3).  #2 Client manager system, responsible to manager all contracts that can use the automatic lane. Keeping track of all records in order to create the invoice with the correct amount based on client use.  #3 Track monitoring system, predicting the need for maintenance of sensors based on vehicle detection errors.  #4 System used by HR to execute the employee performance evaluation.	
<b>External service provider's roles &amp; responsibilities in the project:</b>  <b>As a system analyst:</b> <ul style="list-style-type: none"> <li>• Evaluate the toll system being implemented and whether it meets the requirements requested by the company.</li> <li>• Testing to identify the maturity of the system, considering the criticality of the project.</li> <li>• Developed innovated solutions to meet the company's needs.</li> <li>• Business Process Analysis</li> <li>• Supported the company in strategic decisions of technology to be implemented;</li> </ul>	
<b>Technologies and methodologies used by the external service provider in the project:</b> Java, JSF, MYSQL, Linux, Tomcat, Apache, TDD, UML, SOAP, Design Patterns, Spring Core, Agile..	

**CV professional experience page**

<b>CV experience page number for this CV:</b>	<b>7</b>
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<b>PROJECT EXPERIENCE</b>	
<b>Project name:</b>	SISCON, SIUS
<b>Company (employer):</b>	Capgemini
<b>Dates (start-end):</b>	06/2009-04/2011
<b>Effective number of months achieved:</b>	22
<b>Client (customer) :</b>	Federal University of Bahia
<b>Project size:</b>	Medium
<b>Project description :</b>  Maintenance of the system responsible for the administration of the entrance exam and competitions conducted by the Federal University of Bahia.	
<b>External service provider's roles &amp; responsibilities in the project:</b>  Software Developer: <ul style="list-style-type: none"> <li>● Responsibility for coding.</li> <li>● Follow- up of the whole planning and deliverables.</li> <li>● Identify tools and equipment which are necessary to implement the project</li> <li>● Business Process Analysis</li> <li>● Give proposals for project strategies, planning, definition of tasks and deliverables, quality control, risk analysis and management, status reports, problem reporting and organisation.</li> </ul> Participation in technical working groups, progress meetings & meetings with the project manager	
<b>Technologies and methodologies used by the external service provider in the project:</b> Java, Struts, SQL Server, Hibernate, JBoss, UML, SOAP, Design Patterns, Spring Core, Agile.	

**CV professional experience page**

<b>CV experience page number for this CV:</b>	<b>8</b>
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<b>PROJECT EXPERIENCE</b>	
<b>Project name:</b>	Fiber Channel
<b>Company (employer):</b>	Capegemini
<b>Dates (start-end):</b>	08/2006-06/2009
<b>Effective number of months achieved:</b>	35
<b>Client (customer) :</b>	Federal University of Bahia (06/2008-06/2009) BrasilTelecom (08/2006-06/2008)
<b>Project size:</b>	Large
<b>Project description :</b>  Implementation of optical fiber implantation in university. With the change of core of the company, it was necessary to carry out the change of routing and exchange of fiber pair for the new main switch of the University. Project of great importance because it increases the bandwidth, delivering the required by the technology of the time.	
<b>External service provider's roles &amp; responsibilities in the project:</b>  Network Engineer: <ul style="list-style-type: none"> <li>• installing and configuring network appliances</li> <li>• identifying and solving any problems that arise with computer networks and systems</li> <li>• consulting with clients to specify system requirements and design solutions</li> <li>• assembling new systems</li> <li>• maintaining existing software and hardware and upgrading any that have become obsolete</li> <li>• monitoring computer networks and systems to identify how performance can be improved</li> <li>• working with IT support personnel</li> <li>• providing network administration and support</li> </ul>	
<b>Technologies and methodologies used by the external service provider in the project:</b>  Cisco, Furukawa, Extreme, D-link, Linksys, IBM.	

**CV professional experience page**

CV experience page number for this CV:	9
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PROJECT EXPERIENCE	
<b>Project name:</b>	Website development
<b>Company (employer):</b>	Santo Antônio School
<b>Dates (start-end):</b>	02/2004-12/2004
<b>Effective number of months achieved:</b>	11
<b>Client (customer) :</b>	Santo Antônio School
<b>Project size:</b>	Small
<b>Project description :</b> Development of the institutional page of the College Santo Antônio.	
<b>External service provider's roles &amp; responsibilities in the project:</b> <ul style="list-style-type: none"> <li>• Developed a new webpage for the school, using new technologies. I used HTML with JavaScript and Flash for animations.</li> <li>• Created an administration page, so that the teachers can be able to publish photos of activities, make all events public for visitors.</li> <li>• Technical support to teachers, students and employees, provided help/solutions to all problems related to I.T.</li> </ul>	
<b>Technologies and methodologies used by the external service provider in the project:</b> HTML, JavaScript, Adobe Flash, Apache, MySQL, FTP, CSS.	