



Popescu Mihai Radu

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SUMMARY

- Senior Software Developer and Project Manager in a wide variety of Object-Oriented Business Applications (C#, Java, C++, .NET ...) with a large international IT experience over 35000 hours of programming, specialized official IT training valued at over 75K € and 8 years of Computer Science Schools. Particularly interested in high-performance domains both in English and French.
- Specializations: - Programming, design patterns, algorithms, software architecture, database
- Also passionate about new, innovative and future technologies like learning machines, artificial intelligence AI and VR.
- Main personality traits: Organization - Passionate - Dynamic - Leadership - Responsible - Creative - Motivated - Innovative - Strategic - Extensive experience

EDUCATION

1998	Bachelor's Degree in Computer Science	"Transilvania University" of Brasov Romania Europe
1994	Bachelor of Science, Computer Science Degree	National Computer Science Collage "Grigore Moisil" of Brasov
1986	DELFI Langue française	Institut Français

TRAINING COURSES AND CERTIFICATIONS



IBM Official Certifications: <https://drive.google.com/folderview?id=18gi-B8Gj5wSPo7kCo9Ufosf5BMXPOIEO>






Lynda.com part of LinkedIn Certifications:
<https://drive.google.com/folderview?id=127e1RmsvogKWNXaschFAsB5z54UUPJJm>

LANGUAGES

	Speak	Understand	Read	Write
French	Mother Tongue	Mother Tongue	Mother Tongue	Very Good
English	Very Good	Very Good	Very Good	Very Good
Romanian	Mother Tongue	Mother Tongue	Mother Tongue	Mother Tongue
Italian	Minimum	Very Good	Very Good	Minimum

CONFERENCES & OTHERS ACTIVITES

Date	Name	Description
2017-2019		
	IBM Badges	19 new IBM Badges / Total 23 IBM Badges
04 Oct 2019	SPEAKER at TechIT Software Conference in Cluj-Napoca	Invited as SPEAKER at TechIT Software Conference in Cluj-Napoca 04 Oct 2019. As presentation the subject: "Development Frameworks for the Future" https://techitconf.com/ https://techitconf.com/speaker/radu-mihai-popescu/
		
July 2019		
	IBM Science & Engineering Summer School	IBM Project Management/ IBM Cloud Summer School 2019 Program collaboration between University Transylvania and 2019@Transilvania University IBM Brasov.

July 2018



IBM Science & Engineering Summer School 2018@Transilvania University
IBM Project Management/ Microsoft .NET Summer School 2018 Program collaboration between University Transilvania and IBM Brasov.

June 2018



CodeCamp National IT conference

Participant CodeCamp National IT conference Piatra Neamt (CodeCamp National IT conference Piatra Neamt Probably the largest IT conference in Romania! Piatra Neamt, 26 May 2018 500+ PARTICIPANTS 50+ SPEAKERS 60+ TALKS 40+ PARTNERS 8+ PARALLEL TRACKS)
<https://piatraneamt.codecamp.ro/>

May 2018



IBM representatives Transilvania University

Participate as one of the IBM representatives at the Annual Session of the Student Scientific Circles, to be held on May 18th 2018 at the headquarters of the Transilvania University Research Institute in Brasov on the following sections:

- Information technology (license)
- Automatica (license)
- Robotics (license)
- Advanced systems in automation and information technology (master)

April 2018



CodeCamp National IT conference

Participant CodeCamp National IT conference Cluj-Napoca (CodeCamp National IT conference Cluj-Napoca Probably the largest IT conference in Romania! Cluj-Napoca, 17 Mars 2018 500+ PARTICIPANTS 50+ SPEAKERS 60+ TALKS 40+ PARTNERS 8+ PARALLEL TRACKS)
<http://http://cluj.codecamp.ro/>

Nov 2017



R&D interview
www.atlasfm.ro/liv Atlas IT FM Radio Alba Iulia

Radio FM IT and R&D interview www.atlasfm.ro/liv Atlas IT FM Radio Alba Iulia I was invited as speaker after the www.alba4it.ro IT conference from 27 October 2017. The interview will be on the FM Radio station www.atlasfm.ro/live and can be heard the evening of 06.November.2017.

The recording of the live interview can be heard at <https://drive.google.com/open?id=0B4OWKSw1i1r-bmkwVjIBUHo1Uk0>

Oct 2017



Alba Iulia IT & Software conference

Speaker and participant to Alba Iulia IT & Software conference (www.alba4it.com) implementation of the first SmartCity in Romania event

2017



CodeCamp National IT conference

Participant CodeCamp National IT conference Cluj-Napoca 11.Nov.2017 "Probably the largest IT conference in Romania!" Cluj-Napoca, 11 November 2017

2017



CodeCamp National IT conference

Participant CodeCamp National IT conference Timisoara 14.Oct.2017 "Probably the largest IT conference in Romania!" Timisoara, 14 October 2017

2017



CodeCamp National IT conference

Participant CodeCamp National IT conference Iasi 28.Oct.2017 "Probably the largest IT conference in Romania!" Iasi, 28 October 2017

July 2017



IBM Science & Engineering Summer School 2017@Transilvania University

July.2017 Course at Transilvania University as one of the represent of the IBM Team with Project Management Theoretical and Practical Course also Microsoft ASP.NET MVC Theoretical and Practical Course.

May 2017



IBM Bucharest Conference

Regional Technical Exchange (RTE) is an annual event held across Growth Markets to bring technical leaders together to learn, collaborate and network. It is designed to help our technical leaders understand the technological shifts and gain eminence by building the associated knowledge and skills which may include strategic solutions in areas such as Cloud, BAO, Smarter Planet, Industry, High End System(System Z), Technical Leadership (Business Acumen), Architecture, Security. They will also hear how IBM is delivering value in industry solutions, learn from best practice examples and discuss product, solution and service innovation.

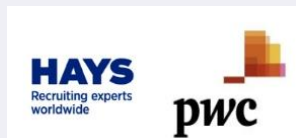
TECHNICAL SKILLS

Anti-Virus	McAfee, Norton, Bitdefender
Concepts	<u>Data Analysis:</u> Algorithms, Analytical Skills, Calculating, Database Design, Database Management, Documentation, Modelling, Modification <u>Coding and Programming:</u>

	<p>Applications, Certifications, Coding, Computing, Configuration, Customer Support, Debugging, Design, Development, Hardware, Implementation, Information Technology, Maintenance, Networking, Operating Systems, Programming, Restoration, Software, Solution Delivery, Systems Analysis, Technical Support, Testing, Training, Troubleshooting</p> <p><u>Project Management:</u></p> <p>Benchmarking, Engineering, Following Specifications, Performance Review, Project Planning, Quality Assurance, Quality Control, Scheduling, Task Delegation, Task Management</p> <p><u>Other Technical Skills:</u></p> <p>Accounting Software, Enterprise Resource Planning (ERP) Software, Database Software, Query Software, Manufacturing, Inventory Management,</p>
Databases	SQL, Relational Databases, Microsoft SQL Server, Oracle Databases, others general knowledge related to Databases (reporting tools as well as generic and in-house products)
Environment	Visual Studio, Eclipse, Borland, Sage Framework (Ligne 1000 MGE products)
Design and Modelling Tools	ArgoUML, Eclipse UML Tools, Poseidon for UML, UML Designer,
Frameworks / Libraries	.net Framework, .net Core Framework, .net MVC 5, White Framework, Sage L1000 Framework, Entity Framework, Hibernate, JavaServer Faces (JSF), Spring Framework, Struts,
Front-ends	HTML, HTML5, CSS, JavaScript, Ajax, AngularJS, React.JS, Typescript, JFace, Kendo, WinForms, Delphi Forms, Others IDE generic Forms and UI
Programming Languages	Active Server Pages, ASP.NET MVC/Core, C, C++, C#, Java, Jscript, JavaScript, LINQ, MATLAB, Object Pascal, PowerShell, Prolog, SQL, Visual Basic .NET
Testing Tools	Atlassian Tools, Jenkins, White Framework, Unit test, UI Testing (White Framework)

PROFESSIONAL EXPERIENCE

05/2021 – Present



**Hays Luxembourg PwC Senior
Software Developer**

TAX/VAT/CTX

Mission/Project

Hays Luxembourg, Client PWC Luxembourg TAX

Description

- .Net Core 3.1, SQL Server, TFS, Agile, Visual Studio, C#
- In charge of DotNet 3.x to DotNet 6.0 migration of all solutions, also Visual Studio 2019 to Visual Studio 2022
- In charge of the WebServices VAT Interface (Tax Portal, Tax Access, Tax Entity, Tax Jobs) for VAT Interface new UI development
- In charge of new VAT WebServices oriented architecture refactoring and new development for ECF-Engine Project, SOA oriented approach CQRS pattern with OAuth2 for access
- In charge of technical non regression tests moq on debug mode for ECF-Engine
- In charge of the switch between previous SOAP webservice for file management storage (Ingenium) to new REST webservice Api over SharePoint for secure files persistency and versioning; OAuth 2 (App registrations in the Azure portal) for Authentication and Authorization
- In charge of the over all persistence of eCDF VAT declarations xml on TKDB PwC
- Azure DevOps setup Continuous Integration with Azure Pipelines for ECF-Transformation (DEV/UAT /BF env)
- Core Stand along API Solution converted to Nuget internal package / JFrog Artifactory as remote provider
- Tax and Funds Software, Finance & Banking
- IIS Web Server, Aspose 8.6.2.0 Library, ReactJS, Workflow Core Library, Microsoft MSMQ, RPA from UIPath, Ephesoft Document Content Processing
- XML processing, XML from source gen, XML validation from XSD, SMTP communication
- ECF Transformation Tax, VAT, CTX
- Implementing Queueing on the Workflow Solution using MassTransit and Hangfire (for scheduled planning messages send) over RabbitMQ and Azure Service Bus for parallel processing and performance improvement for overall project

Tasks

- Backend development
- Solution architecture (evolution to Messages Queues architecture for performance improvement)
- Object model architecture
- Performance improvement
- VAT, CTX, Business Case Implementations
- Estimation, development, automation testing

➤ Link with architecture team

Environment

➤ Technology: Microsoft VSTS, Microsoft DevOps, Microsoft Visual Studio, Microsoft TFS, Microsoft SQL Server, Microsoft .NET 4.5, Microsoft .NET 4.8, Microsoft DotNet Core 3.1, Microsoft DotNet Core 6.02, SQL Server, generic and parametrable .XML file by Aspose with intermediate object layer as wrapper

06/2020 – 08/2020



**Sogeti Luxembourg Senior
Software Developer**

Logistics/Stocks

Mission/Project

Sogeti Luxembourg, Client Brinks Luxembourg

Description

➤ Other project: FreePort Application, mainly for stock/warehouse management with secure remote file transfer to Luxembourg Customs of specific (.XSD and business rules to respect) .XML declaration files via secure/encrypted AS2Connector and upgrade to AS4Connector to respect the new Official Demands of Luxembourg Customs regarding the declaration.

Tasks

- Backend and Frontend development (Full Stack Development)
- Database architecture
- Object model architecture
- Beside being in charge of the existing application technical upgrade from AS2Connector to AS4Connector, also managed the other IT Consultants that were punctually allocated to contribute at an efficient Client Satisfaction positive feedback
- Direct contact with Luxembourg Customs Department in all the setup process regarding the Freeport upgrade
- Estimation of the technological evolution of the Freeport Application (upgrade to ASP.NET MVC/Core with Remote Services approach to better respect the multiple independent Domains of the Client Intranet Architecture.

Environment

➤ Technology: Microsoft VSTS, DevOps, Microsoft Visual Studio, Microsoft TFS, Microsoft SQL Server, Microsoft .NET 4.5, Winforms, SQL Server, SSIS module Server Side to generate/retrieve .xml files from data base generated field, SQL Server Job Setup and SQL User/Credentials/Proxy setup (Client had 2 different Domains with separate security and access policy), generic and parametrable .XML file generation from .XSD definition with intermediate object layer as wrapper

01/2020 – 06/2020



Sogeti Luxembourg Full Stack Senior Software Developer

Logistics/Defence

Mission/Project

Client Sogeti Luxembourg, NATO/OTAN

Description

- NATO Clearance for highly classified data access
- As Business Logic: International Logistics Stock Exchange Software Application that is a fully secured, web-based application that supports the joint management of materiel among different international site. This joint management is mainly based on visibility of national inventories, redistribution of assets among the partners and consolidated procurement facilitated by access to Outline Agreements available for immediate online ordering in a modern, electronic, paperless environment.
- Development team working in Agile with testing team attached respecting high level of confidentiality and security policies imposed by the nations governments.

Tasks

- Backend and Frontend development (Full Stack Development)
- Database architecture
- Object model architecture

Environment

➤ Technology: Microsoft VSTS, DevOps, Microsoft Visual Studio, Microsoft TFS, Microsoft SQL Server, Microsoft ASP.NET C# MVC, Transcript, Automation, Scrum/Agile

07/2019 – 01/2020



IBM Back-end software developer

Shipment

Mission/Project

Damco/Mersk

- Warehouse and shipyard/shippments complete and complex logistics management software

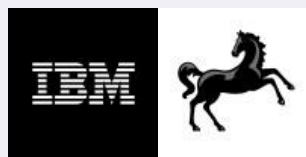
Tasks

- Backend development
- Database architecture
- Object model architecture

Environment

ASP.Net Core, Web API Core, Visual Code, Docker Sql Server Express, Agile, Backend Development, SourceTree for Git, Git, Bitbucket, Microsoft VSTS, Postman

06/2019 – 01/2020



**IBM Subject Matter
Expert/Software Developer**

Banking

Mission/Project

Lloyd banking project

- Subject matter expert heaving as responsibility the all Lloyd applications that were hosted by IBM Servers in direct contact with IBM Chief Executive from the UK manager of Lloyd Bank collaboration.

Description

Banking business logic

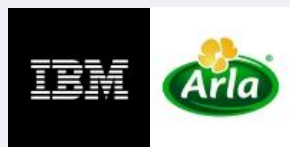
Tasks

- Change requests estimations
- Change requests response implementations
- Development
- Testing
- Other tasks

Environment

ASP, Visual Code, Bazaar Source Code Management, Backend Development and UI, Agile

10/2018 - 04/2019



IBM Software developer

Manufacturing/Trade

Mission/Project

Arla Project

Description

PLM (Product Management Lifecycle)

Senior Software Developer in a recent technology the 3dExperience Framework from Dassault France heaving Java as language

Tasks

- Develop and improve the business logic from technical point of view
- Very fast integration in the existing team with beginning of development since the very moment of the arrival in the team
- Quick work independence to satisfy all job position demands this even if recently assigned on this mission
- Definition of the test approach
- Preparation and monitoring of the Development time according to client expectations
- Drafting of plans and monthly status reports
- Development
- Testing

- Agile

Environment

Arla Project, 3DExperience from Dassault Systems France (Java, JPO, JSP, JavaScript, Gradle, Eclipse, Jenkins)

09/2017 - 10/2018



**IBM Senior software
developer/Technical Project
Manager/ Technical Team
Lead for Level 3 Support Team**

Automotive/Banking

Mission/Project

RRCM Risk Management at BMW

Description

Risk Management is the financial barometer that supports all areas of our business by anticipating and constantly monitoring our exposure to changing market conditions – and managing our risks accordingly.

That's why we are always looking for forward-thinking analysts and financial risk experts to help us pinpoint the financial storms ahead and navigate the most lucrative course around them.

Your market know-how and risk management skills could play a decisive role in not just helping us safeguard our business – but in strengthening our finances for the pioneering journeys still to come.

Areas covered by the Risk Management Software:

- Residual Risk
- Credit Risk
- Risk Controlling
- Strategic Risk
- Market Risk
- Supplier Risk
- Operational Risk

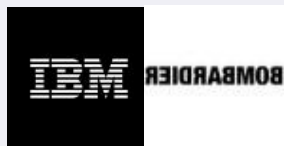
Tasks

- Take over process
- Knowledge Transfers
- Development
- Coaching level 3 support team

Environment

Visual Studio, C#, ASP.Net MVC, Web API Core, Visual Code, Docker Sql Server Express, Agile, Backend Development, SourceTree for Git, Git, Bitbucket, Microsoft VSTS, Postman

06/2018 - 07/2018



IBM Software developer

Aeronautic

Mission/Project

Bombardier

Tasks

- Development
- Testing
- Agile

Environment

NetBeans, Java J2EE 6 to 7, JDK 1.7 to 1.8, JSP, GlassFish 3 to 4, JSP, Java EJB, Java Servlets, Jersey's Packages, Java Server Faces, part of BMW Project, Webservices Rest. JUnit for unit-testing, packages compatibility and project setup for migration.

04/2017 - 09/2017



IBM Software developer

Automotive

Mission/Project

Part BMW project Java/Oracle branch

Tasks

- Helping the BMW Project of IBM (Java with Oracle Branch) as a Senior Software Developer mainly in unblocking points regarding versions mandatory evolutions and also database performance (but also high volume issues and deadlocks)
- Debugging
- Change Requests from Client
- Mainly Backend Development on complex points regarding packages evolution and database performance
- Achievements
- Develop and improve the business logic from technical point of view
- Very fast integration in the existing team with beginning of development since the very moment of the arrival in the team
- Quick work independence to satisfy all job position demands this even if recently assigned on this mission
- Definition of the test approach
- Preparation and monitoring of the Development time according to client expectations
- Drafting of plans and monthly status reports
- Development and debugging
- Testing
- Agile
- Analysing if tech changes needed
- Remote distributed geographic team

Results

- Develop and improve the business logic from technical point of view
- Very fast integration in the existing team with beginning of development since the very moment of the arrival in the team
- Take over process
- Knowledge Transfers
- Development

Environment

NetBeans, Java J2EE 6 to 7, JDK 1.7 to 1.8, JSP, GlassFish 3 to 4, JSP, Java EJB, Java Servlets, Jersey's Packages, Java Server Faces, part of BMW Project, Webservices Rest. JUnit for unit-testing, packages compatibility and project setup for migration.

03/2017 - 09/2017



IBM Software developer

Automotive

Mission/Project

LIKO DFE BMW Project

Develop and improve the business logic from technical point of view

Very fast integration in the existing team with beginning of development since the very moment of the arrival in the team

Quick work independence to satisfy all job position demands this even if recently assigned on this mission

Definition of the test approach

Preparation and monitoring of the Development time according to client expectations

- Drafting of plans and monthly status reports

Tasks

- Development
- Testing
- Agile

Environment

ASP, Visual Studio, C#, ASP.Net MVC, Web API Core, Visual Code, Docker Sql Server Express, Agile, Backend Development, SourceTree for Git, Git, Bitbucket, Microsoft VSTS, Postman

01/2017 - 04/2017



IBM Software developer

Pharma

Mission/Project

UCB MySights

Description

Intensive use of Task Tracker 3.10.6. for detailed working time management and efficiency improvement

Excellent evolution in efficiency and time management on the project assigned (from an approx. average of 150% time spent from time allocated in the 2 first 2-week sprints to 42% time spent from time allocated in the 2-week sprint 3 and next);

Use of Automation experience to test part of tasks resolved (unit test and integrations tests).

Tasks

- Development
- Testing
- Agile

Environment

Microsoft Visual Studio - ASP.Net MVC 5 with C#, JavaScript, Ajax, AngularJS and SQL Server, Entity Framework Code First Programming, Microsoft Visual Studio Team Services, Agile Software Development and Scrum Framework, Microsoft Team Foundation Server, Intensive use of Task Tracker 3.10.6. for detailed working time management and efficiency improvement

05/2015 - 01/2017



Waters USA Software developer

Pharma/Medical Instruments

Mission/Project

LC-ICS Waters Instruments Drivers

Description

Development, design and documentation of the chromatography data software LC-ICS distributed team (USA Milford and Brasov) using Visual Studio 2008, 2010, 2013, 2015, C# and C++;

Application deployment architecture in multi client WAN system (Client – Lace architecture);

Use of vmWare vSphere tools for working directly on the USA server;

Following strict policies and regulations specific to a regulated environment ISO 9001:2008 and TickIT standards (we are LRQA (Lloyd's Register Quality Assurance) certified);

Providing code and supporting documentation in accordance with the quality processes and applicable procedures;

Collaborating with testers and providing them all the necessary input for test case writing in order to maintain the quality of the product;

Close collaboration with USA LC-ICS team each day by Polycom System and also several weeks of travel to Milford USA headquarters for training and team building with excellent feedback;

Agile Software Development and Scrum Framework

Tasks

- Development
- Testing
- Agile
- Workshops
- Knowledge transfers
- Hackathon (Internal Contest)

Environment

C#, C++, .NET 3.5 4.5, Visual Studio, UI Automation, Agile Scrum, SOLID, TDD & ATDD, Basic Embedded Programming, Entity Framework, ASP.NET MVC 5 (Hackathon Contest), JIRA, Bamboo, BitBucket, Team Foundation Server, vmWare vSphere

05/2015 - 01/2017



**Waters USA Software
developer**

Pharma/Medical Instruments

Mission/Project

Waters Instruments Automation

Description

Part of the Automation Test Investigation Team (NUnit, WhiteFramework, Windows Automation, SpecFlow, Unit tests, Jenkins and Atlassian Tools, Bamboo);

Part of the team investigation of Mobile Testing Frameworks for Android Applications for Waters Instruments.

Agile Software Development and Scrum Framework

Full Automation implementation for Empower main Instruments Software as well as for each drivers corresponding to each type of Waters Instruments in LC-ICS

Unit testing, interaction testing and UI testing as well as fully automated deployment on VShpere Virtual Environments using templates Virtual Machines and also newly created one by Powershell scripts

Tasks

- Research
- Development
- Testing
- Agile
- Quick work independence to satisfy all job position demands this even if recently assigned on this mission
- Definition of the test approach

- Preparation and monitoring of the Development time according to client expectations
- Drafting of plans and monthly status reports

Environment

NUnit, WhiteFramework, Windows Automation, SpecFlow, Unit tests, Jenkins and Atlassian Tools, Bamboo, Mobile Testing Frameworks for Android

10/2010 - 03/2015



**Senior Software Developer
Freelancer**

Freelancing

Mission/Project

Senior Software Developer Freelancer, Paris Area, France

Description

- Freelancer Object Oriented Programming OOP
- Oriented Object Programming
- Self study of online it book (Java and C#)
Learning JavaScript Design Patterns by Addy Osmani, - editura O'Reilly Media, Inc. www.it-ebooks.info
- Professional C# 2012 and .NET 4.5 de Christian Nagel, Bill Evjen, Jay Glynn, Karli Watson, Morgan Skinner- Published by John Wiley & Sons, Inc., www.wiley.com
- Programming C_ 5.0 de Ian Griffiths, - editura O'Reilly Media, Inc., www.it-ebooks.info
- Thinking in Patterns with Java, Bruce Eckel;
- The J2EE™ 1.4 Tutorial----Core Servlets and JavaServer Pages-
<http://courses.coreservlets.com/>
- The Unified Modeling Language User Guide (2nd Edition)
- Java Server Faces in Action- Kito D. Mann, editura Burns, www.it-ebooks.info
- Enterprise JavaBeans 3.0, 5th Edition Developing Enterprise Java Components By Richard Monson-Haefel, Bill Burke Publisher: O'Reilly Media
- Spring in Action 3rd Edition by Craig Walls
- Java Persistence with Hibernate by Gavin King
- Data Structures and Algorithms in Java 6th Edition by Michael T. Goodrich (Author), Roberto Tamassia (Author), Michael H. Goldwasser (Author)
- AspectJ in Action, Second Edition Enterprise AOP with Spring Applications Ramnivas Laddad Foreword by Rod Johnson, Creator of the Spring Framework
- Expert One-on-One J2EE Development without EJB Paperback – July 2, 2004 by Rod Johnson (Author), Jürgen Höller (Contributor)
- Java 2 Enterprise Edition 1.4 (J2EE 1.4) Bible By James McGovern, Rahim Adatia, Yakov Fain, Jason Gordon, Ethan Henry, Walter Hurst,

Ashish Jain, Mark Little, Vaidyanathan Nagarajan, Harshad Oak, Lee Phillips

- Introducing Spring Framework: A Primer 1st ed. Edition by Felipe Gutierrez
- Java Persistence with Hibernate by Christian Bauer

Tasks

- Research
- Development
- Testing
- Agile
- Quick work independence to satisfy all job position demands this even if recently assigned on this mission
- Definition of the test approach
- Preparation and monitoring of the Development time according to client expectations
- Drafting of plans and monthly status reports

Environment

C#, C++, .NET 3.5 4.5, Visual Studio, UI Automation, Agile Scrum, SOLID, TDD & ATDD, Basic Embedded Programming, Entity Framework, ASP.NET MVC 5 (Hackathon Contest), JIRA, Bamboo, BitBucket, Team Foundation Server, vmWare vSphere

NetBeans, Java J2EE 6 to 7, JDK 1.7 to 1.8, JSP, GlassFish 3 to 4, JSP, Java EJB, Java Servlets, Jersey's Packages, Java Server Faces, part of BMW Project, Webservices Rest. JUnit for unit-testing, packages compatibility and project setup for migration

08/2008 - 08/2010



**SAGE France Software
developer/ Subject Matter
Expert**

Trade/Accounting/Sage ERP

Mission/Project

SAGE X3 France

Description

Business Management Solutions

Part of the Team heaving in charge the technical evolution of the Sage X3 Framework from a procedural language style to Object Oriented Approach based on the knowledge acquired both in business logic and OOP approach from the previous important framework Sage Ligne 1000 from Paris site.

As Sage decided to make important investments in the Sage X3 ERP Framework to be evolved from technical point of view I was asked and accepted an extreme challenging mission to be part of the expert team that will have the responsibility for that evolution.

Enterprise business management software, available in public or private cloud or on-premise

Simpler, faster and more flexible than traditional ERP systems

Enterprise-class industry-specific functionality across web and mobile platforms

Tasks

- Research (mainly for technology evolution)
- Development
- Testing
- Quick work independence to satisfy all job position demands this even if recently assigned on this mission
- Definition of the test approach
- Preparation and monitoring of the Development time according to client expectations
- Drafting of plans and monthly status reports
- Comparative investigation between previous technology (C C++) as procedural final proposed framework language and the goal heaving OOP output type of architecture all these having as constraints the migration of the already developed business logic as ERP

Environment

Sage X3 Framework / Platform C, C++

08/2001 - 08/2008



SAGE France Senior Software Developer/ Subject Matter Expert/Technical Project Manager

Trade/Accounting/Bank/Sage ERP

Mission/Project

SAGE Ligne 1000 Paris France

Description

The mains products Sage FRP 1000, Suite Financière Ligne 1000, GCF & Trésorerie Ligne 1000 complex applications with several modules each and in each module, packages designated for MGE Moyen et Grandes Entreprise, Medium and Large Companies.

Tasks

- Research
- Team management
- Development
- Testing
- Part of DB Architecture Team
- Part of Object Modelling Architecture Team
- Part of team member yearly performance review
- Part of team of custom investigation and development team for Sage MGE Approved Sage Software Retails

Environment OOP, Java, C# like language, Model First Programming, UML, Framework Object Design, Database Framework for SQL Server, ORACLE, DB2 drivers also with Object SQL Query, SOLID, Design Patterns, Software Architecture, Modular Application Architecture, Reports Design

06/2000 - 09/2001



Trade2B Software Developer

Trade/B2B/B2C/Web

Mission/Project Trade2B B2B B2C ASP Project

Description B2B and B2C application (Business to Business and Business to Consumer)

Tasks

- Research
- Development
- Testing

Environment ASP, Visual Studio, SQL, HTML, XML, Web Ergonomics, Web Programming, SQL Server

06/1999 - 06/2000



Match Software Developer

Trade/Accounting/Bank

Mission/Project Match Manager

Description Borland Delphi, Interbase, SQL

Complete PayRoll Software for General Hospital Zarnesti Brasov with direct demands from the HR and PayRoll stuff of the Hospital. Excellent feedback given by the General Director of that time of the Hospital;

Client-server software developed in Delphi 3-4, using database BDE and Interbase: Match Manager Gestion, Rittal Product Catalogue, Fiche de Suivi, and Windows Backupper.

Design and Development of software packages, components and web components for Apache, objects and persistence framework for Delphi.

Design and development of specific socket connection components needed for "Fiche de Suivi", a tracking application designed for ease of communication and statistical reporting and follow-up between remote teams (bug-tracking, change-requests, test results and team evaluation).

Design and development of encryption, licensing and registration modules.

Tasks

- Research
- Development
- Testing

Environment

Borland Delphi, Interbase, SQL, Delphi 3-4, using database BDE and Interbase: Match Manager Gestion, Rittal Product Catalogue, Fiche de Suivi, and Windows Backupper.

06/1999 - 06/2000



Match Software Developer

Payroll/Human Resources

Mission/Project

Payroll Manager

Description

Payroll Manager for the General Hospital of Zarnesti Brasov;

Borland Delphi with Interbase Data Base.

Tasks

- Research
- Client discussions
- Team management
- Development
- Testing

Environment

Borland Delphi with Interbase Data Base.