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Nothing is Simple, but everything is Possible

Face many kinds of problems during my career enforce more and more my perception about the complexity of the technology. Two challenges in this area drives me : solve the unsolved, and teach to others about the solved ...

I already worked in some areas at the IT market, customer relationship, project planning, requirements, development, testing, troubleshooting ... personally what really rocks is the customer smile, because our "product" is never ready, we just decide that is good enough to deliver... until the next release.

Soft skills

- Leadership
- Innovation
- Teaching
- Customer relationship

Technical skills

- Java experience since 2001
- Development experience since 1993
- develops Web sites since 2000
- System Analysis since 1993
- PHP, experience developing and teaching since 2000
- Multiple databases : Oracle, DB2, Mysql, SQLServer

Main accomplishments

- Participated of the EDS Top performers program called TopGun – exploring the business value of Oracle Portal solutions, at Oracle Headquarters and EDS Innovation Center.
- Organized during 5 semesters a Java Robots competition at Unicarioca University, with the students of my Java classes.
- Created a database migration tool to recreate a DB2 AS400 in a MySQL database, other create the tables it created html documentation and importation code for each table, to allow specific actions to be done, dependency definition.
- Developed a solution to read and validate NOTAM (air force information) from a telex equipment and store at Oracle database.

Architecture skills during the career

	Leadership	Organizational Politics	Strategy	Consulting	Technology
IBM 2007-2008	Technical Leadership in the team			Prospect a proposal opportunity	Java, integration with Lucene search engine, AJAX, JSON
EDS 2003-2007	Technical leadership group		TopGun program		Technical leadership group
Unicarioca University 2002-2007	Act as advisor for many bachelors works, created internal JUG	Act in behalf of the university in public radio interview	Created new disciplines to enhance the market visibility of the students	Mentored the distance learning strategy	Teacher of different technologies
RioJUG 2000-2002	founder	Interact with local organizations			Created the JUG website
Civil Aviation Department 2001-2002	Act as leader for the Analysis and development team	Handle the interaction of military and civil individuals	Defined frameworks and technology adoption		Created reference implementations For the development team as reference
Conectiva Linux 2000-2001	Leader of the support team	Act as customer satisfaction interface		Many Client face interviews to identify and create proposals	Server security, programming in PHP
Independent Consultant 1999-2002	Owned a company thz informatica	Interact with Taxi companies leaderships		Many Client face interviews to identify and create proposals	Java, PHP, Delphi, Clipper, Security
B.E.S.T. 1993-1998	IT manager	Interact with the company president, accounting, human resources and operational team	Suggested many organizational changes based on the systems Analyses	Many training sessions in different cities	Clipper and Novell networks

Education

- Post-graduate in Systems Analysis and Project Management at PUC- Rio - Brazil (1999).
- Sun Certified Java Programmer
- Sun Certified Java Developer (working on the project)

Publications

- Applying Computer Games at programming teaching (presented at RioJUG 2007)
- A Developer Perspective to JSR-168 Portlet - 2006
- Computer Programming A Game Driven Approach (presented at SBGames 2006)
- Detecting timeout in swing applications - 2003

Voluntary works

- Created the web site of a poor children care project called www.casadomestres.org.br (master's house) and act to raise the sponsorship to the website hosting, and raise funds to the Judo infrastructure.
- Based on the "Conspiracy of Kindness" concept organized free car washing activities with local church teenagers.
- Created the Rio de Janeiro Java User's Group website www.riojug.org, act to raise the sponsorship to the website hosting, and worked as JUGLeader for 2 years.

Carrer description

IBM, 2007-current

- Defined the integration of the portal with the Lucene search engine, creating a separated search application, offering JSON data as result of the searches, integrated by Ajax calls (Jquery) in the other applications.
- Made proof of concept for WYSIWYG Web editor .
- Made proof of concept for Jupload technology, and the comparison with Nokia File upload system.

Sakonnet Technology 2007

Troubleshooting developer

- Created a XML splitter to separate 180Mb (or bigger) data export files in smaller files that don't consume all the server memory.
- Created VMWare local environments to explore Timezone bugs related to difference between client and server timezones.

EDS – Eletronic Data System, 2003-2007

Systems Engineer

- Joined the TopGun program at Q2-2006, that is a 3 months duration at EDS Inovation Centre (California/USA), where the top performers are invited to develop solutions and present then with a business point of view. At the end of the program I presented the final solution proposal at Oracle Headquarters (San Francisco/California) and at EDS Headquarters (Plano/Texas).
- Made researches related to Portlets, specially related to Oracle Portal, acting close to the Oracle Headquarters at TopGun program.
- Member of the Technical Leadership group, that have around 15 individuals, offering technical support for around 20 projects the projects at Rio de Janeiro Unit, with an estimate of 500 developers.
- Acted as one of the two Open Source references for Latin America Region.
- Worked in a project to migrate the authentication method of an Java Swing application from database tables to oracle stored procedures calls, where the parameters to the calls were encrypted using blowfish algorithm, and the Oracle Java Stored procedures read from an LDAP server the user information.
- Worked in a project to maintain and create decision level reports for a financial company, using POI to generate Excel reports and created some AJAX solutions to the Web interface. This reports uses Jsp/Servlets and AS400 DB2.
- Received a special bonus in a cryptography related project.
- Acted in Transportation and Finance projects.

Unicarioca University, 2002-2007

Teacher

- Created an Game teaching strategy supported by an game development framework (gamebase.dev.java.net) and used with the students with great motivation enhance at the learning process.
- Organized since 2003, Java coding events with the students based on Robocode engine, to enhance the learning curve of the language.
- Participated on a live National Radio interview in place of the university director.
- Planned and act as member of the Java in Rio 2003, an event with a full day with courses, and tutorials related to the Java technology.
- Planned the JUCA, University Java User´s Group.
- Proposed and tested e-learning solution adopted at the University (moodle.org).
- Act as Advisor to several Bachelor´s Final Project, most of them remotely.
- Act as Teacher the following disciplines: Java Programming, Web Development using Java, System Analysis, Computer Human Interaction, Linux Administration, Web Site Planning, Javascript Programming, Web Site Tuning, PHP Programming.

www.hdn.com.br, 2003

System Developer

- Created a tool to document hundreds of tables from DB2/AS400 by recreating the table at MySql database, importing the data, and generating HTML documentation from the tables.
- Documented the Legacy system tables, interviewing the original developer and created a database diagram of hundred of tables.
- Installed James email server integrated with MySql database, as solution for the Microsoft Exchange server problems that the company was facing (this solution was up and running since the last update from the company).
- Created an application to generate email marketing, by using an special setup of James email server to increase the throughput of messages
- Created a custom tag to read from remote HTTP content and show the content at the page.
- Implemented a web solution to store and maintain huge .properties files, and export then as properties files to avoid merging problems in the development team.

Unisys, 2002-2003

Java Developer

- Created a notification system using an Applet that uses HTTP requests to read data from the server and notify the end user.
- Worked on banking documents creation, following government standards to encode document numbers and generate bar codes.
- Worked on Web sphere server using EJB BMP connecting to Microsoft SQL Server.

Brazilian Civil Aviation Department, 2001-2002

Consultant

- Planned and organized the development and analysis team procedures and interactions, defining the flow of informations involving the Web design, prototyping, requirements documentation, system analysis, development and Quality assurance.
- Developed a Java web application framework (jajaf.dev.java.net) to speedup the development, by using Object Relational Mapping defined in the Business Objects.
- Act as technical reference for the Development and Analysis team.

Conectiva Linux, 2000-2001

Team leader / developer

- Act as Corporate Linux Solutions Support Leader interacting with the customer to identify new business opportunities, and lead the consultant team.
- Developed a Web email marketing solution in PHP used by a level one marketing company, to store campaigns, customize by rules, and dispatch the emails by using a customized version of Qmail.
- Offered several trainings for end customers in PHP development, and assisted in a framework creation.

- Developed a flash+php shopping center map solution, that used action script to read the map and stores data from PHP application.
- Participated as Technical consultant in Bahia Government proposal, having meetings at the customer in other major city of the country.

Independent Consultant, 1999-2002

- Created a delphi custom component to visualize satellite band width utilization, to be used as chart in the satellite management software of Embratel (major telecommunication company)
- Developed solution to read data from Telex equipment using serial port, parse the NOTAM information, identify possible mis formatting and store the data in the Oracle database, this application is part of the major air traffic control.
- Developed several websites using Content Management Systems, as Joomla, Mambo and Moodle
- Planned and developed a taxi request system, that controls all the work flow from the radio operator to the end user confirmation. The reports of the system are web based created in PHP, this solution were installed in 3 different taxi companies, and work until the current days.
- Created the Rio de Java User´s Group web site, with a Content management system, and a meetings participation certificate generation.

B.E.S.T. - Brasília Empresa de Serviços Técnicos, 1993-1998

IT manager / developer

- Planned and developed a system to support business decisions, related to car and trunk rental. The company had around 500 vehicles, and the system was used at the complete work flow of the business, using the following steps :
 - proposal creating and storing
 - stock control
 - maintenance planning and recording
 - activity recording
 - invoice calculation
 - real costs comparative with proposal
- Deployed and trained the users at the Headquarters (Brasilia capital), and at the São Paulo office, after the successful use and deploy of the system at Rio de Janeiro office. This system was created using Clipper summer 87 and 5.1 and worked over a Novell Network.