SEVERINO BENTO FERREIRA JR, D.SC.

Rua Francisco Marengo, 822 Tatuapé, 03313-000, São Paulo, Brazil

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Senior IT Technical Executive. I Possess the ability to learn quickly, have the discipline to maintain those skills and keep a constant eye on new developments. A solid foundation in information technology and computer science with continuous application of the same to business and a very good communication with non technical audiences are important skills that complement my ability in effective management of technical teams with business acumen.

PROFESSIONAL EXPERIENCE:

Web2Doctors Ltda. (São Paulo, SP, Brazil)
CEO – July/2014 - Present

Web2Doctors is a startup focused on BigData, Cloud Computing and Open Source applied to healthcare and digital marketing. We are developing the next generation of healthcare systems for the Brazilian public sector and offering consulting services on those subjects. My mission is

- Establish the solution development methodology, architecture and management processes from concept ideation through development, launch and   maintenance.
- Build the portfolio of solutions, offerings and skills based on requisites   from our target group.
- Get sales people ready to support the business growth, ensuring customer loyalty.
- Implement a worldwide community of developers.
- Optimize the budget allocation for the company operations aiming the best quality for the cost.

ADTSys Tecnologia Ltda. (Campinas, SP, Brazil)
Director – Chief Solutions Architect – May/2013 - Jun/2014

ADTSys is a fast-growing technology company located at Campinas/SP, the 'Brazilian Silicon Valley'. As its Chief Solutions Architect I was responsible for the strategical planning that leveraged important investments that inserted the company among the leaders of the Brazilian Cloud Computing Services arena. I was also responsible for:

- Oversee all aspects of solution development, architecture and management processes from concept ideation through development, launch and   maintenance.
- Interface with Executive Management to develop and grow the portfolio of solutions and offerings, increasing company productivity and profits
- Build worldwide partnerships with well-established companies focusing cloud computing, integration hubs and financial market applications.
- Strategic planning using benchmarking, SWOT and Design Thinking.

Banco BTG Pactual S/A (São Paulo, SP, Brazil)
Director – Integration Architecture – Mar/2012 – Apr/2013

Banco BTG Pactual is a global Investment Bank with headquarters in Brazil, branches in six different countries and R$ 20B in revenue. As one of its IT leaders, I was responsible for the Integration Architecture between internal and external systems using SOA and ETL methodologies. I have worked on business patterns, governance and methodology, applying best design principles, interfacing with development and infrastructure teams and acting as a mentor on those subjects. My principal accomplishments were:

- Lead the internal technical team on the ongoing implementation of an ISO 20022 based canonical model, creating processes, adopting tools and **merging efforts of different departments** – Enterprise Architecture, Technical Architecture and IT Governance.
- Lead the development and i**mplementation of a SOA Governance model** based on IBM WSRR, including custom Java tools, mentoring new developers who actually manage and maintain both process and code.
- Start the ongoing design of new Information and Application Architectures.
- **Mentor Architects**, Manage the interface with other teams – Systems   Development and IT Governance – commissioning external vendors for the implantation of a new ALM process.

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Unisys Brasil Ltda. (São Paulo, SP, Brazil)
Executive Architect – Sep/2008 – Mar/2012
Unisys Certified Level 4 Technical Assessor

Unisys Brazil is the local subsidiary of Unisys Corporation, a major systems integrator and IT services company headquarted at Blue Bell, PA. As one of the leading Architects in Latin America, I have participated in the following projects:

Design of new products based on open-source technologies:

Large Unisys government customers needed an integration solution between mainframe systems based on MCP and/or OS/2200 with other platforms. During the assessment we decided to apply Unisys policies and strategies related to SOA/ESB (Services Oriented Architecture/Enterprise Service Bus) to a set of open-source COTS products and create as a result a fully supported product, deployed within a replicable methodology. My role as the principal sponsor of this process was:

- Detect and gather the knowledge of Unisys architectures, protocols and tools related to integration of several platforms with MCP and OS/2200;
- Coordinate the efforts of configuration and tests in all platforms involved: MCP/OS-2200/EAE, Linux, Cobol, Linc, Java, C and others;
- Design hardware and software infrastructure for security, fail-over, load-balancing and high performance;
- Develop, test and document a fully functional replicable PoC involving all the application layers;
- ocument the approvals and manage the transition for production.

The result is a fully supported Unisys product for the AMOS (Application Modernization and Outsourcing) strategy, encompassing open-source COTS and standard and replicable methodologies. The project has been replicated in two Brazilian sites, with about US$ 3M of total services revenue.

Software Development Leadership and Guidance:

Assess and Support the First implementation of EAE in Java worldwide. EAE is an enterprise application modernization framework formerly developed over Microsoft platforms, and was ported to Java by a very skilled Brazilian team. My role was:

- Apply best practices in software engineering using UML and Java, with the corresponding knowledge transfer and mentoring of all developers;
- Coordinate Java programming, EAE module overhauling and overall improvements;
- Oversee the Documentation Process;
- Knowledge Transfer to an offshore engineering team - USA.

Project Management:

- Application of RUP and PMBOK disciplines to new and existing systems.
- **Management and Enforcement of the application of Unisys corporate methodologies on Requisite Analysis and Mapping, Risk Analysis, Project Description, Team definition and partnership management on proposals and projects ranging from US$ 1M to US$ 60M.**
- Management of Technical Support for several commercial teams;
- Coordination of Solution Partners selection process.
- **Unisys certified Level 4 Technical Assessor: Technical Approvals of US$ 20M proposals and above, from low to high risks, responding to Global Senior Executive Level.**

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Pro Information Technology (São Paulo, SP, Brazil)
Senior Consultant - Executive Architect - Jan/2000 - Aug/2008

Pro Information Technology, or ProIT, is a consulting group located in the main Brazilian's financial market. As its principal consultant in Systems Architecture and IT Strategy I was commissioned for projects in large customers such as Banks, Insurance Companies, Financial Hubs and Software Houses, having leading the development of misson-critical systems that are still in production, using mainly Java related technologies and platforms.
Among those projects it is worth citing:

- Migration of the core system of a large bank from Cobol/CICS to Java/Java EE, integrating efforts of all departments involved and responding to the senior staff;
- Design of the new architecture of the number one general property and casualty insurer in Brazil, with the third highest volume of e-business transactions by revenue;
- Infrastructure design and operation of a global system, with operations in Sao Paulo, Santiago (Chile), Boston, MA (USA) and Wausau, WI (USA);
- Development of a whole credit card transactions hub.

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EDUCATION

Doctorate Program in Science and Engineering - Major in Information Technology   2013
   Agile Architectures through Architecture for Large Components, or Architecture-Based Design
   AIU - Atlantic International University
Master of Science in Information Systems   2007
   Enterprise Component Design - Capstone: Healthcare System for a Poor Society
   Aspen University
Bachelor of Science in Mathematics   1994
   Universidade Guarulhos
Bachelor of Arts in Industrial Design   1988
   Universidade Guarulhos

COMPUTER AND TECHNICAL SKILLS

Project Management:
PMI, PMBOK, Unisys CDPro2, Extensive variety of customizations of RUP and XP.
Web Application Servers:
Oracle Weblogic, JBoss, WebSphere, Tomcat, Apache Web Server, Jetty, others.
Programming Languages:
Java, Pig, C++, C, JavaScript, Basic, Mumps, Cobol, Assembly, others.
Operating Systems:
Android, iOS, Unix, Linux, Windows, MCP, OS/2200, others.
Database:
Cassandra, Oracle, DB/2, Derby, Berkeley/DB, Caché, Mumps, others.
Infrastructure:
JMX, HP OpenView, CISCO, TCP/IP, VPN, SSL, LDAP, others.
Design Concepts and Methodologies:
BigData, Cloud Computing, Agent-Oriented Systems, SOA, SOA Governance, OO, Design Patterns, J2EE Patterns, UML, Client/Server, data modeling and database design, OSI reference model, GUI design and testing, software lifecycle, others.
Application Software:
An extensive variety of accounting, word processing, spreadsheet, general business, graphics, desktop publishing, presentation, communications, database, software development, and other packages.

MULTICULTURAL EXPERIENCE AND FOREIGN LANGUAGES

- Have worked on several distributed projects crossing international borders.
- Speak, read and write Spanish at an advanced level.
- Speak, read and write English at an advanced level.