

Horacio R. Bouzas

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VP/Director of Software Engineering/Development/Technology

Tenured and dedicated executive with a strong background in Geosciences, Software Development, New Technologies, Innovation, Strategic Operations, Quality Control, Human Resources, and Organizational Leadership. Years of successful experience consulting on multifaceted technology and innovation projects, streamlining internal processes to enhance overall productivity, and facilitating positive relationships with a wide range of clients, colleagues, staff members, industry leaders, and key business partners. Consistently recognized for outstanding contributions to the bottom line and solid reputation for resolving complex issues with innovative and mission critical software technology solutions. Commended for the ability to design and develop advanced and innovative commercial software products. Vast international working experience with past assignments in the United Kingdom, Canada, Norway, Brazil, Argentina and the United States. Proven track of innovation with 7 issued patents and 10 patents pending. Multilingual fluency in English, Spanish and Portuguese, and basic French.

AREAS OF EXPERTISE

- ♦ Operational Management
- ♦ Project Coordination
- ♦ Strategic Planning
- ♦ Software Engineering
- ♦ Geosciences
- ♦ Design & Development
- ♦ Testing & Evaluation
- ♦ Systems Integration
- ♦ Organizational Support
- ♦ Marketing
- ♦ Electronics
- ♦ Product Commercialization
- ♦ Data Analysis & Reporting
- ♦ Budgeting & Cost Control
- ♦ Recruiting & Hiring
- ♦ Oil and Gas Software
- ♦ Internet of Things
- ♦ Training & Team Building
- ♦ Career Development
- ♦ Change Management
- ♦ Continuous Improvement
- ♦ Sales and Contracts
- ♦ HR Administration
- ♦ Contract Negotiations
- ♦ Customer Relations
- ♦ Employee Retention
- ♦ Research & Innovation
- ♦ Intellectual Property
- ♦ Quality Assurance
- ♦ Process Optimization
- ♦ Business Modeling

RECENT EXPERIENCE

Snaptekk Technologies Limited

2016-Present

Role: Founder, President and CTO (Houston, TX)

Design and manufacturing of consumer and industrial wireless sensor modules, controls and switches.

Segment: Schlumberger Software Integrated Solutions

1985-2016

Role: Portfolio Manager - Open Software Platforms (Houston, TX)

2012-2016

Managed a portfolio of open framework products, coordinate global business initiatives, and set strategic revenue and sales goals. Communicate effectively with high-profile clientele including oil companies, software vendors, and universities. Coordinate operations for the Ocean Software Online Store in order to support overall promotional, sales and distribution goals. Direct global marketing strategies and campaigns and evolve and optimize the business model. Develop efficient and innovative software frameworks and extend them to other platforms allowing for increased functionality, integration and accessibility. Streamline processes so that clients/vendors can easily create plug-ins for commercial products and include new technologies/IPs into their existing workflow. Promote a collaborative business environment and provide technical support to customers to ensure overall satisfaction.

Role: Norway Software Technology Center Manager (Oslo, Norway)

2008-2012

Coordinate daily operations within multiple technology centers located in Norway (Oslo and Stavanger) and Germany responsible for developing state-of-the-art and innovative geosciences software products, including Petrel, the industry leading Reservoir Characterization Platform. Direct activities in the areas of software research and innovation, development, testing, commercialization, and documentation. Supervise 150+ staff

members including all hiring and human resources. Oversee various facilities management, finance, legal, and intellectual property initiatives. Maintain a yearly ISO 9001 Certification and manage a budget of \$25M USD.

Role: Product Development Manager (London, UK) 2006-2008

Performed short and long term planning for strategic development projects. Supported innovative seismic data products deployed internationally and worked with various third party partners. Created and maintained software/systems technical roadmap definitions, oversaw the commercialization of products, and met HR and staffing requirements. Coordinated budgets, managed financials, and led teams in excess 50+ employees.

Additional Roles:

<i>Product Development Manager, Value & Risk Portfolio (Calgary, Canada)</i>	<i>2003-2006</i>
<i>Section Manager, FloGrid Modeling Tools (Abngdon, UK)</i>	<i>2001-2003</i>
<i>Section Manager, Cyber Geologist/Modeling Office (Austin, TX)</i>	<i>1998-2001</i>
<i>Section Manager, GeoFrame Geology Applications (Houston, TX)</i>	<i>1996-1998</i>
<i>Project Leader, GeoFrame Geology Applications (Houston, TX)</i>	<i>1994-1995</i>
<i>Project Leader, Geology Applications (Houston, TX)</i>	<i>1991-1993</i>
<i>Project Leader, Special Projects (Houston, TX)</i>	<i>1988-1990</i>

PREVIOUS EXPERIENCE

Seismograph Service Corporation (Houston, TX) 1984-1987
Processing Geophysicist & Programmer

Uniao Brasileira de Mineraca (UBM) (Rio de Janeiro, Brazil) 1982-1984
Senior Seismic Analyst & Programmer

Seismograph Service Corporation (Buenos Aires, Argentina) 1980-1982
Senior Seismic Analyst

EDUCATION

Universidad de Buenos Aires (Argentina)
Undergraduate Degree - Physics

TECHNICAL PROFICIENCIES

- ◆ Programming tools: C, C++, C#, Java, XML, Object Oriented Design, LAMP, LUA
- ◆ Electronics, hardware and firmware
- ◆ Software Project Management: Agile, RUP, ISO9002
- ◆ Operating Systems: Unix, Solaris, Irix, NT, iOS
- ◆ Office Tools: Microsoft Office, Microsoft PowerPoint, Microsoft Project

PATENTS GRANTED & APPLICATIONS

- ◆ **Granted US Patent 6012017** METHOD FOR INTERPRETING FORMATION TOPS
- ◆ **Granted US Patent 7502771** METHOD FOR GENERATING DECISION TREES INTEGRATED WITH PETRO-TECHNICAL WORKFLOWS
- ◆ **Granted US Patent 7523024** METHOD FOR MODELING GEOLOGIC OBJECTS IN FAULTED FORMATIONS
- ◆ **Granted US Patent 7778859** METHOD FOR ECONOMIC VALUATION IN SEISMIC TO SIMULATION WORKFLOWS
- ◆ **Granted US Patent 8706541** RESERVOIR MANAGEMENT LINKING
- ◆ **Granted US Patent 8954282** AUTONOMIC SEISMIC DATA PROCESSING

- ◆ **Granted US Patent 8892388** BOX COUNTING ENHANCED MODELING
- ◆ Patent Application 20090099778 SEISMIC DATA PROCESSING WORKFLOW DECISION TREE
- ◆ Patent Application SOCIAL NETWORK RESOURCE INTEGRATION
- ◆ Patent Application OCEAN SERVICE FOR AUTONOMOUS UNMANNED VEHICLES
- ◆ Patent Application WEBSERVICE TO ENABLE REMOTE INTERACTIONS WITH SOFTWARE
- ◆ Patent Application TASK MANAGEMENT SYSTEM AND METHOD
- ◆ Patent Application AUGMENTED REALITY FOR OILFIELD
- ◆ Patent Application REMOTE CONTEXTUAL COLLABORATION
- ◆ Patent Application METHOD AND SYSTEM FOR INTERACTING OR COLLABORATING WITH EXPLORATION PRODUCTION DATA
- ◆ Patent Application DECISION BASED SEISMIC PROCESSING SYSTEM
- ◆ Patent Application BOREHOLE CORRELATION AND INTERPRETATION TOOL