

# BASIM MOUSILLI

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## Summary

### My Focus ▶ Digital Oilfield Consulting

Seeking an international assignment as a *Senior Digital Oilfield Consultant*, challenging traditional Oil & Gas organizations to improve business performance through a combination of eliminating waste, simplifying **work processes** and pioneering innovative **technology solutions**.

### My Career Background

Managing consultant trained by Shell Smart Fields in transforming “green” fields into “smart” digital oilfields. Versatile ex-Accenture consultant with expertise in Upstream & Downstream business operations. Diverse IT skillset, relentless leader & proven reputation with Shell in Oman, Nigeria & Brunei.

### My Top 8 Strengths

- Digital Oilfield Transformation
- Oil & Gas Production Lifecycle
- Project & Program Management
- Work Process Improvement
- Systems Analysis & Development
- Data Management & Architecture
- Technology Design & Integration
- Collaborative Work Environments

## Experience

### Brunei Shell Petroleum ▶ Full Digital Oilfield Implementation

Brunei

#### Managing Consultant & Project Manager (Independent)

May 2008 – Feb 2012

**Summary:** Led the birth & implementation of a *new digital oilfield* by defining the work processes, job responsibilities, data requirements & technology infrastructure needed to operate Shell’s 1<sup>st</sup> Smart Field *born smart* from the ground-up

- Defined *Field Management Plan* policies, job procedures & work processes to enable the transformation from a traditional oilfield into a digital oilfield & set up KPIs within team & SLAs with vendors for deep embedding
- Created *Data Management* & Exception-Based Surveillance plans for manual & automated field monitoring by evaluating 200+ key data points from real-time telemetry infrastructure signals; coordinated results with IT team
- Developed simple *work processes* to operationalize 6 complex field management activities to fit the local environment based on logic & methodology inherited from Shell’s Global Foundation Blueprint for new Smart Field development
- Led the design & implementation of multiple *Collaborative Work Environments* (CWEs) to virtually collocate multi-discipline parties over videoconferencing sharing common data & work processes with the aim to know sooner about production issues & opportunities, make quicker & higher-quality decisions & perform better as 1 team
- Oversaw the creation of a hub of *videoconferencing sites* connecting the headquarters & 5 remote field sites; built facilities to meet the needs for instant communication, real-time surveillance, team data validation & model-based analysis
- Managed *personal interfaces* with internal IT teams & external facility infrastructure delivery teams by ensuring personnel were aware of & on track with responsibilities in Statement of Work while maintaining relationship with client
- *Project-managed* \$10M portfolio of work, all successfully completed under budget & ahead of schedule; result was a glamorous milestone for Shell Asia, widely publicized & sought-after as a model for digital oilfields of the future

**Key Focus Areas:** Gathering Production Data | Exception-Based Surveillance | Model-Based Analysis | Smart Well Hook-Up

### Shell Nigeria (SPDC) ▶ Digital Oilfield CWE Design

Nigeria

#### Process & Infrastructure Lead (SAIC)

Feb 2008 – May 2008

**Summary:** Designed a “command-and-control” digital oilfield concept by defining the operational strategy, work processes & real-time surveillance technology required to achieve next-generation *remote operations capability* given the rising threat of oil insurgency & logistical difficulty to access oilfields in the Niger Delta region

- Led the *design & specification* of military-grade Emergency Response Procedures & Exception-Based Surveillance work processes and matching technology to enable multi-site collaboration, decision making & remote control
- Built a prototype *web-based operations portal* to facilitate the display of production reports, HSE alerts & field upsets
- Defined Production team’s roles & responsibilities and *infrastructure requirements* to support the digital oilfield vision
- Delivered a *conceptual design* & project implementation plan for Steering Committee to mobilize resources for execution

**Key Focus Areas:** Field Operations Management | Well & Reservoir Management | Emergency Response Coordination

**Petroleum Development Oman ▶ Digital Oilfield CWE Design****Oman**📄 **Business Process Consultant (SAIC)**

Apr 2007 – Jan 2008

**Summary:** Engaged to create a *step-change improvement* by analyzing & improving existing work processes across the Production & well delivery lifecycle and design a CWE that would enhance oil & gas production & reduce deferment

- Formulated *high-level strategy* by identifying critical business requirements for success as an operator in the region
- Conducted detailed *assessment of work processes* & job performer skills against Shell's global Smart Field standards
- Issued recommendations to *enhance ways of working* based on best practice methodologies from Shell headquarters
- Facilitated the design of *future-state work processes* in conjunction with Smart Fields technology installed in the field
- Pioneered a new *proximity map concept* placing engineers & field staff in a unique arrangement to address WRM
- Designed a CWE that virtually connected engineers, operators & service providers for *real-time field decision making*
- Delivered a *detailed conceptual design* that was later implemented to become the region's 1<sup>st</sup> award-winning CWE

**Key Focus Areas:** Planning & Executing Well Interventions | Exception-Based Surveillance | Integrated Activity Planning**Halliburton ▶ IT Training Foundation****Houston**📄 **Organization Design Consultant (Accenture)**

Jul 2006 – Oct 2006

**Summary:** Chartered an internal IT knowledge auditing group tasked with continuously identifying & improving *end user IT competencies* to increase workforce effectiveness across the company's broad array of oilfield service units

- Created a design team consisting of regional IT leaders to drive the design & implementation of a fitting solution
- Determined current state of end user IT capabilities by evaluating job performer gaps across various skill pool levels
- Created training curriculums to address gaps & commissioned an IT knowledge group to create training materials, modify onboarding procedures, develop a knowledge management portal & regularly report progress to management

**Key Focus Areas:** Organizational Design | Competency Management | Learning Management Systems | Job Skills Identification**Kellogg Brown & Root ▶ Computer-Based Training Solution****Houston**📄 **Training Developer (Accenture)**

Sept 2005 – Jul 2006

**Summary:** Created *interactive training content* & delivered a computer-based *e-learning training solution* to support the implementation of Maximo and an HR Management System, targeting 2,000+ remote users around the world

- Analyzed detailed workflows of Supply Chain & HR software to define functional competency requirements
- Designed, developed, managed & delivered 49 web-based training courses from storyboarding to publishing
- Organized training list, deployment schedule, certification process & all relevant communication messaging

**Key Focus Areas:** Computer-Based Training | Learning Management Systems | Supply Chain Management | HR Management**ChevronTexaco ▶ Gasoline Delivery Forecasting System****California**📄 **Business Analyst & Application Developer (Accenture)**

May 2005 – Sept 2005

**Summary:** Rapidly developed a proprietary *order forecasting system* to predict storage tank replenishment time & suggest optimum delivery schedules for gas station truck drivers based on gasoline sales trends in South Africa

- Gathered requirements, developed use cases & created data & process flow diagrams to fulfill business needs
- Developed the core application, underlying database & custom reports while learning advanced industry formulas
- Delivered solution to client & handed over to IT team for standardization, expansion & structured deployment

**Key Focus Areas:** Downstream Oil & Gas | Supply Chain Management | Rapid Application Development | Database Design**Blockbuster.com ▶ Online DVD Rental System****Dallas**📄 **Lead Test Analyst (Accenture)**

Feb 2005 – May 2005

**Summary:** Led test planning & test execution of Blockbuster's *online movie rental system* interface, reports & accounting system; solution allowed customers to rent & return DVDs by mail to compete with media rental giant Netflix

- Created test plans with possible scenarios that could cause systems to fail or not satisfy functional requirements
- Executed all types of quality assurance testing including Unit Testing, Functional Testing, Integration Testing, Stress Testing, Load Testing, Performance Testing, User Acceptance Testing & Operational Readiness Testing
- Documented & communicated 900+ defects to a programming team in India & regression tested bug fixes

**Key Focus Areas:** Quality Assurance Testing | V-Model Software Development | Defect Management | Order Fulfillment

## Sunoco ▶ Franchise Web Portal Development

Philadelphia

### 📖 Web Application Developer (Accenture)

Oct 2004 – Feb 2005

**Summary:** Developed *web applications* for company web portal that allowed headquarters to share with franchise gas stations specific engineering blueprints, creative advertising materials & government compliance information

- Designed electronic forms, custom reports & made database modifications to support new application functions
- Programmed custom web applications based on ASP & SQL built on top of an innovative SAP NetWeaver backbone
- Tested functionality of peer applications & created automatic database routines to maintain data integrity over time

**Key Focus Areas:** Downstream Oil & Gas | Web Application Development | Database Maintenance | User Interface Design

## Leadership

### Astrapod Design

Houston

#### 📖 Founder, CEO & Program Manager (Independent)

May 2002 – Present

**Summary:** Started an *internet-based technology solutions* company whose mission was to help small businesses & start-up companies be more successful by providing web design, application development & online marketing services

- Established a very small company that has served 50+ clients earning over \$1M in revenue at an ultra-efficient gross profit margin of 35% and the ability to serve customers worldwide with offshore development channels
- Responsible for formulating corporate strategies, setting sales targets & recruiting qualified personnel while overseeing key account acquisition & retention, customer satisfaction & growth of the company and its people
- Ensured implementation of quality systems within projects by continuously training & coaching project managers
- Evaluated customer feedback & conducted post-engagement reviews to steward continuous learning & improvement

**Key Focus Areas:** Business Development | Account Management | Program Management | Human Resource Management

## Education

### Management Information Systems

University of Houston

#### 📖 Bachelor of Business Administration

2000 – 2004

**Honor Society President:** Led student affairs conducting symposiums, career counseling, volunteering & course tutoring

- *Major Coursework:* Systems Analysis & Design, Operations Management, Business Consulting & Data Management

## Courses

### Lean Six Sigma Practitioner

#### 📖 Green Belt Training 2011

- DMAIC Process Improvement
- SIPOC & Value Stream Mapping

### Well & Reservoir Management

#### 📖 WRM Improvement 2009

- Simulation Modeling & Analysis
- Production System Optimization

### Smart Fields® Foundation

#### 📖 Shell Foundation Mark I 2008

- Core Upstream Business Processes
- Collaborative Work Environments

### Project Management

#### 📖 PMP Exam Preparation 2007

- Scope, Time, Cost & HR Management
- Communications & Risk Management

### SAP Materials Management

#### 📖 SAP Boot Camp 2005

- Creating Material Master Records
- Purchase Orders & Requisitions

### Accenture Consulting School

#### 📖 Core Analyst Training 2004

- Value Drivers & Process Design
- Gathering Functional Requirements

## Skills

### Business Leadership

#### 📖 Organizational Capabilities

- Strategy & Program Development
- Engagement & Team Management
- Sales Proposals & Contract Writing

### Technology Solutions

#### 📖 Systems Development

- Java, C++, SQL, ASP, PHP, .Net
- Custom Application Development
- Database & Server Infrastructure

### Foreign Languages

#### 📖 Oral & Written Skills

- Arabic (advanced proficiency)
- Spanish (medium proficiency)
- Malay (beginner proficiency)