

Omolade Saliu

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PROFILE

Omolade is a Senior Business Intelligence Analyst with the Performance Management Practice at Online Business Systems. His expertise includes Business Intelligence (BI), Data Analytics, Data Warehousing, Decision Support, Business Analysis and IT Release/Project Portfolio Planning. His professional and consulting experience spans several sectors of the economy – Oil & Gas, Healthcare, Financial Services, Human Resources, Education, and Contact Center. He has developed data analytics and reports to help support evidence-based management decision making. As a Business Analyst he has participated in business process modeling/improvement projects as well as requirements gathering, prioritization and negotiation. Omolade has extensive decision support/data analytics research experience and has received several national and international awards for his work (recipient of NSERC-CGSD and iCORE awards). He has given talks at conferences and workshops in Canada, USA and Europe

TECHNICAL EXPERTISE

- **Business Intelligence:** Microsoft SSIA, SSAS, SSRS, PPS, ProClarity, Data Mining, MDX; Cognos 8 Report Studio, Analysis Studio, Framework Manager; QlikView 9; SAP Business Objects Universe Designer, Web Intelligence
- **Databases:** SQL Server, MySQL, Microsoft Access, Oracle
- **Operating Systems:** Windows 2000/XP/Vista, Linux
- **Other Tools/Methodologies:** Borland Together, Enterprise Architect, Microsoft Office Suite, Optimization & Decision Support tools (e.g. ILOG CPLEX, Expert Choice, and ROSE), UML, Sharepoint, Object Oriented Analysis & Design, Kimball Methodologies, Agile Project Delivery

WORK EXPERIENCE

Online Business Systems (OBS), Calgary, Canada

Corporate Performance Management

OBS Global is an international software services company with focus on business and technology consulting in Canada and the United States. OBS offer solutions in Corporate Performance Management (CPM), Customer Interaction Services, Integration and Application Development.

Senior Business Intelligence Analyst

10/2007 – Present

Reporting to the Director of Corporate Performance Management, my responsibilities include:

- Conducting BI readiness assessment, maturity analysis, and phased project planning for clients
- Facilitating BI requirements gathering and developing roadmaps for both short and longer term strategies for delivering data analytics and reporting via enterprise data warehouse (EDW)
- Dimensional modeling for OLAP-style querying, operational & star schema modeling and creating OLAP cubes to facilitate rapid data analysis
- Designing reporting architectures that enable users to effectively utilize their information tools – creating scorecard, dashboard, analytical & production reports and helping clients align KPIs to strategic priorities
- Developing predictive analytics and forecast models to help companies gain deeper insights, improve business performance, and shape the future of the companies
- Participating in speaking engagements/seminars for clients to ensure successful implementation and delivery of BI solutions and knowledge transfer to ensure sustainability and scalability of projects
- Identifying BI best practices, methodologies, trends, tools and technologies for use in client projects
- Participating in the design, development, and testing of *Lightstream* (Call Centre performance management application built on top of Genesys Infomart and QlikView in-memory BI technology)
- Developing process improvement models and researching vendor packaged applications for clients
- Successfully co-authored winning Request for Proposal/Pricing (RFP) for projects in several domains

Recent Clients and Project Engagements:

- University of Manitoba Faculty of Medicine, Winnipeg, MB (*Education*): *Developing BI Analytics & Report for the Faculty of Medicine's Online Portal for Advanced Learning (OPAL)*
- Automobile Club of Southern California (ACSC), Costa Mesa, CA (*Contact Centre*): *BI Analytics for monitoring and reporting the performance of Call Centre agents and their activities*
- Alberta Health Services (AHS), AB, Canada (*Healthcare*): *BI Current State Assessment project. Deliverables include a review report on existing multi-platform BI toolset and an architectural roadmap for future BI growth*
- Spectra Energy, Calgary, AB (*Midstream Gas*): *Central Business Intelligence Reporting Solution. Part of the deliverables are OLAP cubes, dashboards and cost/production related predictive analytics and forecast models for pipeline operating areas*
- Gibson Energy ULC, Calgary, Canada (*Midstream Oil & Gas*): *BI Analytics for supporting decisions regarding the optimization of crude oil & condensates movement between wells and terminals. Deliverables include GAMS data mart, cube and a set of analytical and operational reports.*
- National Leasing Group (NLG), Calgary, AB (*Financial Services*): *BI Analytics & Reporting for monitoring Sales trends and forecasting Profitability. Main deliverables include requirements document, logical and physical design, sales data mart, cube, dashboard, a set of analytical & operational reports and profitability forecast modules*
- Calgary Health Region (CHR), Calgary, AB (*Healthcare*): *BI Analytics for monitoring chronic disease information and managing the administration of proper care to patients. A set of analytical and operational reports constitute the main deliverables*
- TransCanada Pipelines Ltd., Calgary, AB (*Midstream Gas*): *Pipeline Management Solution Evaluation*

College of Physicians & Surgeons of Alberta (CPSA), Edmonton, Canada

Sr. Business Intelligence Analyst

07/2009 – Present (Intermittently)

- Independent consultant developing ETL Processes, Data Mart, OLAP Cubes, data analytics, and reports for monitoring the administration and usage patterns of prescription drugs

Health Canada, Edmonton, Canada

Sr. Business Intelligence Analyst

First Nations and Inuit Health

03/2008 – 06/2009 (Intermittently)

- Independent consultant developing ETL Processes, Data Mart, OLAP Cubes, data analytics & reports for:
 - Empowering decision making on resource allocation based on core statistics regarding death rate, birth rate, and several other vital statistics measures for the First Nations Epidemiology Centre
 - Bacteriological water testing (sampling) data to support continuous quality improvement (CQI) decision making for First Nations communities in Alberta

University of Calgary, Calgary, Canada

NSERC Researcher (Project Planning, Data Analytics & Decision Support)

Decision Support Laboratory

01/2004 – 09/2007

- Designed novel models and algorithms to support software development decisions
- Developed business process models for release planning based on incremental software delivery strategy
- Facilitated requirements gathering, application release and change management for ReleasePlanner®
- Managing requirements for ReleasePlanner and liaising between customers and the development team
- Presenting research results at several international conferences and invited talks
- Mentoring senior-level undergraduate students on industrial project-oriented software engineering courses

Fraunhofer USA Inc., College Park, USA

Visiting Researcher

Center for Experimental Software Engineering (FC-MD)

07/2006 – 08/2006

- Conducted empirical studies to evaluate a software architecture analysis framework using a NASA Flight Assistance System prototype
- Data analysis to support software development and management decisions

University of Petroleum & Minerals, Dhahran, KSA

Research Associate / Lecturer

Information & Computer Science Dept

01/2001 – 12/2003

- Designed and implemented a software effort prediction tool based on proposed learning algorithms
- Developed a UML based analysis and design models for KFUPM Graduate Admission Office System
- Designed, taught and graded undergraduate courses in Computer Science & Software Engineering

SystemSpecs Limited, Lagos, Nigeria

Systems Analyst/Programmer

Software Development Department

05/1999 – 01/2001

- Active member of the team that designed, developed, and maintained HumanManager® – Enterprise Resource Planning (ERP) software. HumanManager® currently runs in over 150 client sites across Africa
- Creating and maintaining business requirements documents
- Designed and implemented core reporting modules and data encryption for the ERP software
- Created test data, test procedures and test scenarios for new/existing features

EDUCATION

University of Calgary, Calgary, Canada 2004 – 2007

Ph.D., Computer Science – *Project Planning, Data Analytics & Decision Support (CGPA: 4.0/4.0)*

University of Petroleum & Minerals, Dhahran, KSA 2001 – 2003

M.Sc., Computer Science (*CGPA: 3.94/4.0*)

Federal University of technology, Minna, Nigeria 1993 – 1998

B.Tech., Mathematics/Computer Science (*CGPA: 4.66/5.0 – First Class Honors*)

DEVELOPMENT COURSES & TRAINING

- SAP Business Objects Enterprise Universe Design VXI 3.0/3.1
- Architecting and Implementing Performance Management Solutions with Microsoft PerformancePoint™ Server 2007: Planning, Monitoring & Analytics
- Infusing Critical and Creative Thinking into Content Instruction – NCTT, USA

SELECTED AWARDS/HONORS

- 4th Quarter 2007 Employee Contribution Recognition Award, Online Business Systems
- Natural Sciences and Engineering Research Council of Canada (NSERC) – Canada Graduate Scholarship - Doctoral (CGS-D) (Value: \$70,000)
- Informatics Circle of Research Excellence (iCORE) Top-up for NSERC-CGSD (Value: \$20,000)
- Departmental Research Scholarship, University of Calgary, Canada. (Value: \$12,000)
- iCORE International Graduate Scholarship (Value: \$30,000)
- University of Petroleum & Minerals (UPM) Research Scholarship (Value: SR36,000)
- Mobil Producing Nigeria Unlimited Scholarship (Value: N135,000)
- Overall Best Graduating Student, Mathematics/Computer Science, FUT, Minna, Nigeria

SELECTED PUBLICATIONS

- Release Planning of Software Systems – A Decision Support Approach, VDM Verlag Publishing, Germany, April 2009, ISBN: 978-3639149531
- Bi-Objective Release Planning for Evolving Software Systems, *15th ACM Intern'l Symposium on Foundations of Software Engineering (ESEC/FSE'07)*, Dubrovnik, Croatia, Sept. 3-7, 2007, pp. 105-114.
- The Art and Science of Software Release Planning, *IEEE Software*, 26(6), pp.47-53, 2005.
- Adaptive Fuzzy Logic-Based Framework for Software Development Effort Prediction, *Information and Software Technology*, 47(1), pp.31-48, 2005.
- Omolade's ideas and works have also appeared in about 15 other international publications

LEADERSHIP

- *VP Operations*, Software Engineering Consulting Consortium(SECCO), University of Calgary, 2004-2006
- *Software Director*, Nigerian Association of Computer Science Students (NACOSS), 1995-1997

PROFESSIONAL AFFILIATION

- IEEE Computer Society
- The Data Warehouse Institute (TDWI)