

# DOMINIC FERNANDEZ

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I want to architect visionary solutions, while working with an organization/environment that lends me ample opportunities to contribute, and diversify my knowledge and skills

I have:

- Analyzed, Designed and Delivered solutions using Agile, SOA, Object-Oriented Programming, providing interim proof-of-concept;
- Educated business-users on how to analyze data using open-source products and services;
- Refined business processes through simulation and analysis of as-is process models to create what-if analysis and simulations;
- Developed *INTACT (IntegratedAccounting)* application consisting of Receivables/Payables, Inventory & Material Management, Production Planning – in a DOS-based, Clipper-xBase environment, sold and implemented at six client sites;
- Managed Data – starting off as a card-punching Operator, then onto data-entry (off-line & Wang VS2000), programming that involved data-capture & data-cleansing, loading data from one system to another;

## Currently

- Collecting and structuring data, forming and testing hypotheses, identifying patterns, and drawing conclusions. Building interactive / reactive web applications and dashboards while improving computational and programming efficiency – using **R / R-Studio and Shiny**.

## Consultant

1986 To Date

Programmer – Analyst (Business, Technical, Data), Project Implementation

- Analyzed database design and requirements, and developed applications using VisualBasic or PowerBuilder along with a variety of back-end databases such as MS-SQL, Sybase, Oracle.
- Involved in a RAD/JAD environment consisting of Chrysler's Manufacturing, Financing & Leasing units that entailed the Leasing-unit to request monies for vehicles – on approval from Financing-unit the manufacturing and delivery of vehicles would be undertaken by Manufacturing-unit;
- Analysis and development of London Hydro's customer billing, which needed to be changed due to a change in Provincial regulations surrounding hydro (London Hydro) using PowerBuilder and Oracle;
- Conversion of data from Unisys to ASCII for upload to IBM main-frame due to Merger of National Trust with Bank of Nova Scotia; Subsequently tested data to ensure compliance with Scotia Bank's Mortgaging System providing seamless service to the bank's customers during the Y2K deadline;
- **Clients:** London Life, London Diocese, Chrysler Canada, GreenShield, Ontario Govt.-MOEE, AI's Cartage, National Trust, Bank of Nova Scotia;
- Data-processing (Tata Consulting Engineers, Datamatics)
- Account Management , Share/Stock Monitoring (ABN-Amro - Dutch Bank)
- Mutual Funds Reconciliation (Datamatics)
- Customer Information System (Hindustan Lever - Lever Brothers)
- Oil Stock and Warehouse Management (Hindustan Lever)
- Payroll (Hindustan Lever)
- Production Planning (Hindustan Lever, Ashok Industries, Nik Polymers)
- INTACT - Integrated Accounting (Receivables/Payables, Inventory & Material Management, Production Planning) - Developed & Implemented - many Clients (India & Hong Kong)
- Purchase/Sale Order Processing (Reliance Industries, Cable Corporation & Ashok Industries)
- INGRES 6.4 - Trainer and Lab-Assistant. Developed INTACT with Ingres backend.

- SAP Achievements and Badges (<http://computants.org/SAP-achievementsBadges.pdf>)
- IBM Acclamation Badges (<https://www.youracclaim.com/user/dom-fernandez>)
- IBM Business Modeller (<http://computants.org/DomF-strapped/img/ibm.wbmAdvanced.CoC.jpg>)
- Six Sigma Green Belt ([http://computants.org/DomF-strapped/img/6SigmaGreenBelt\\_CoC.jpg](http://computants.org/DomF-strapped/img/6SigmaGreenBelt_CoC.jpg))
- Microsoft Certified Professional, M.C.S.E ( <http://computants.org/DomF-strapped/img/MCSE.jpg>)
- {[Big Data Fundamentals](#)} {[Hadoop 101](#)} {[DataScience-HandsOn](#)} {[TextAnalyticsWithSystemT](#)}  
{[Predictive Modeling](#)} {[DataAnalysisUsing R](#)} {[NoSQL & DbaaS](#)} {[SQL Fundamentals](#)}  
{[DB2 Essentials](#)} {[SOA-Integration](#)} {[Analyze Global Trends](#)} {[Model Thinking](#)}  
{[BusinessEnterpriseGlobalization](#)}
- {[Data\\_Scientist Toolbox](#)} {[R\\_Programming](#)} {[Develop-Data-Products](#)}  
{[Exploratory-Data-Analysis](#)} {[Get-n-Clean-Data](#)} {[Reproducible-Research](#)}  
{[Statistical-Inference](#)} {[Regression Model](#)} {[Practical-Machine-Language](#)}
- RDBMS: MySQL, Oracle 7 & 8, DB2 v8.2, INGRES (6.4) & its 4-GL
- Hardware: UNISYS 1100, ES-9000, IBM-43xx, PC-AT
- Software: CICS, ISPF, TSO, EASYTRIEVE+, SAS, LOUIS-II, TIPS, Crystal Reports
- Methodology: RAD & JAD, Agile, acquainted with PMBOK & MS-Project
- Languages: R, HTML, VisualBasic, PowerBuilder, COBOL, SQL

## Education

Bachelor of Science – Bombay University, Mumbai, India

April 1988

Computer Operations and Software Technologies, Mumbai, India

May 1988

Silicon Chip Technologies, Mumbai, India (UNIX - Ingres)

September 1991

Fanshawe College, London, Ontario

September 2001

- Project Management (acquainted with PMBOK)
- Communication Concepts
- Human Resources
- Principles Organizational Behaviour

Six Sigma Green Belt

December 2008