

DOM RODRIGUES,CFA

dxrodri.github.io
dxrodri at gmail.com

SOFTWARE ENGINEER & DATA ANALYTICS ENTHUSIAST

Summary

Project Management : Managed cross functional teams, trained and mentored team members and delivered critical projects using persuasive leadership style.

Software Development: Hands on expertise in building large enterprise financial applications.

Data Analytics: Strong quantitative and analytical skills in analyzing large financial data sets for Options, Futures, FX, OTC Commodities, Swaps, Repos, Treasuries Lending and Borrowing for risk management.

Financial Modeling: Expertise in Excel and VBA to build financial models using Discounted Cash Flow, Comparables, Mergers and Acquisition, and Options Pricing Methods.

Technical Skills

Java/C++/R/Python/Ruby	Hadoop/HBase/Hive/Pig	Jaspersoft
Oracle/MySQL/MSSQL/Excel/VBA	Git/SVN	Weblogic/WebSphere/Tomcat
SpringSource/Hibernate	IBM MQ/Tibco/Rabbit MQ/AMQP	Software Security/OpenSSL/CAS

Experience

Newedge Group Associate Director October 2008 to present

Contributed in building a risk management system that computes VAR and performs stress test to manage credit and market risk.

Participated in building a credit limit monitoring systems to offer competitive cross margin rates to clients.

Designed a trade routing system that facilitates straight through processing of trades and performs trade reconciliations to manage operational risk.

Managed a data warehousing and business intelligence project that spans multiple financial asset classes.

Managed and developed real time FIX post trade feed distribution engine.

Developed web analytics software for post trade portal.

Collaborated with, guided, trained and mentored global team members on multiple initiatives.

Roles: Project Manager, Software Developer, Team Lead and Business and Data Analyst

Technologies: Java, Tibco, Hadoop, HBase, Hive, SpringSource, IBM MQ, RabbitMQ, Gemfire, Oracle, Linux, MSSql

PSC Group Senior Consultant March 2007 to October 2008

Keenan Advantage Group 03/07-03/08 - Implemented PCATS-NAXML initiative to integrate Keenan's fuel management and logistics systems with suppliers and delivery stations.

Realscoop.com 07/07-07/08 - Build the voice analytics website Realscoop.com.

Research Director Inc 06/08-10/08 - Developed Instant Answer product for analyzing Arbitron's radio audience data.

Roles: Project Manager, Software Developer and Team Lead

Technologies: Java, C++, Django, Oracle BPEL

Guidewire Senior Consultant May 2005 to March 2007

Merastar Insurance 07/05 - 12/05 - Implemented Guidewire's Claimcenter product at Merastar.

NJM Insurance 12/05 - 03/07 - Implemented Guidewire's Claimcenter product for NJM.

Roles: Software Developer and Team Lead

Technologies: Java and Claimcenter

Liberty Mutual Insurance Senior Consultant May 2004 to June 2005

Architected and implemented a Personal Lines Internet Quote system.

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Wrote software for Commerical Lines Underwriting Assistant System.

Roles: Software Developer and Technical Architect

Technologies: Java and Hibernate

Union Pacific Consultant January 2002 to May 2005

Built the core services of a Web-based application to improve logistics efficiency of an automotive vehicle distribution network.

Roles: Software Developer

Technologies: C++, Java and Tibco

Rapidigm Consultant November 1997 to November 2001

InteliData 09/99-11/01 - Consulted to design and develop scalable and flexible online banking and credit card management solutions for financial institutions.

Qwest Communications 11/97-08/99 - Implemented a system to provide access to Qwests Operation Systems for CLECs.

Roles: Software Developer

Technologies: C++, pThreads and Tuxedo

National Stock Exchange of India Systems Officer September 1995 to October 1997

Designed and developed a trader server interface system to allow access to the Capital Market Trading System for independent service providers.

Roles: Software Developer and Team Lead

Technologies: C++

Projects

Personal Website dxrodri.github.io
Build a content management and
blogging website using markdown and
Hugo (static website generator engine).

Mileage Predictor App
MPGPredictor
Built a mileage predictor application
using regression models, R and Shiny.

Word Predictor App WordPredictor
Build a interactive word predictor app
using text mining algorithms, R and
Shiny.

Education

Bachelor of Computer Engineering Goa University, 1994

Certifications

Data Science Specialization John Hopkins University Coursera, 2014

Chartered Financial Analyst (CFA) charterholder CFA Institute, 2013

National Commodities Futures (Series 3) FINRA, 2009

IBM and Sun Certifications in J2EE, Java,EBS, SOA, XML, OOAD and SOA IBM and Sun, 2002 to 2008