Manoj Veluchuri

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About Me

Masters in Data Science, passionate about data, solid scientific programming and team leadership skills. Proven track record aligning technical solutions with business needs. Adept at cultivating relationships with key stakeholders, executives, and business users across all business areas to determine high-level requirements; accurately distill information for technical teams.

Education

M.Tech

Data Science & Engineering **BITS Pilani (**2018 - 2020)

B.Tech

Computer Science & Engineering **JNTU** (2001 - 2005)

16+ years of Professional Experience

Vice President (JPMORGANCHASE)	May 2016 to Till Date
Lead Business Analyst (NOMURA)	Feb 2014 to May 2016
Systems Analyst (SMARTSTREAM)	Dec 2012 to Nov 2013
Business Analyst (NOMURA)	Apr 2008 to Dec 2012
Programmer Analyst (SYNTEL)	Dec 2005 to Apr 2008

Certifications

Certificate in Quantitative Finance - **CQF Institute**

Project Management - **IIT Delhi**

NCFM Securities Market – **NSE India**

NCFM Derivatives Market – **NSE India**

SCJP - **Sun Microsystems**

SCWCD - **Sun Microsystems**

Skills

Technical: Java/J2EE, JavaScript, AJAX, Servlets, JSP, Spring, Hibernate, log4j, Ant, Maven, angular, NodeJS, Micro services, Spring Boot, AWS, Kafka, JSON, XML, HTML5, Bootstrap, PL/SQL, Oracle, Mongo DB, Compass, Visio, UML, Excel, ETL, OOPS, GIT, Bitbucket, JIRA, Agile, cucumber, Shell Scripting, UNIX, Linux, PSI/VSI, AWS, Apache tomcat, Python, pandas, NumPy, scikit, keras, TensorFlow, AI, ML, DL, NLP, ANN, RNN, CNN.

Functional: TDD, SDLC, DevOps, CI/CD, Business Analysis, Systems Analysis, Gap Analysis, Scrum, Agile, Emerging Requirements Resource planning, Testing Orchestration, Requirement Elicitation, Functional Specifications, Data Modeling, Good written and verbal communication, Technical Design Documentation, Sequence, use case and class diagram. Regression, Classification, Supervised & unsupervised learning, clustering, association & recommendation, Information research, sentiment analysis

Domain: Client /Counterparty on-boarding, Reference Data (Pre and Post Trade), Investment Banking, Trade Life Cycle, Equities, Fixed Income, Derivatives, Indices, Credit Ratings - Moody's, S&P, Fitch, Legal Entity (LEI), Trading Accounts, Trading Books, Settlement Instructions, Trade Confirmations, Holidays, Reporting Calendars, Clearing agents, ISO, SwapsMonitor, AVOX, Bloomberg, Reuters, Exchange data, OTC data, OMGEO Alert, Regulatory reforms – Volcker, Basel III, MIFID, MIFID II, EMIR, FATCA and Dodd-Frank, BCBS-239, BCBS-261, Quantitative Finance, Derivatives pricing, Stochastic calculus, Monte Carlo simulations, Black-Scholes, HJM.

Literary Work

Stock price prediction using Sentiment Analysis augmented with Technical Analysis – Thesis & Software

Pricing Interest Rate Derivatives using Heath-Jarrow Merton Model – Thesis & Software

Pricing Hedged Exotic using Uncertain Volatility – Thesis & Software

Technical paper on Neural Networks and Fuzzy Logic in a National Level Technical Symposium.