

Ronen Asher

Montebello, NY, 10901, rasher613@gmail.com, 646-535-2480

EDUCATION

- MBA – Finance & Marketing, HUJI Business School, ISR [Academic Honors, GPA = 3.94/4.00] 2003 – 2005
- BA – Computer Science & Mathematics, Bar-Ilan University, ISR [Cum Laude, GPA = 3.7/4.00] 1996 – 1999
- Practical-Eng. (Diploma) – Electronics & Computers, Kfar-Avram College, ISR [Summa Cum laude, GPA = 3.95/4.00] 1992 – 1994

SUMMARY

- Business-Technologist specializing in Quantitative Modeling and Analytics for front/middle/back offices business implementations.
- Innovator, translating business problems and needs to technological models with E2E analytics, coverage and representations.
- Financial Regulatory / Compliance Technology and Audit as a Lead PM/Architect/BA for various Regulatory, FinCrime, Risk Management, Trading Surveillance: Architecture, Development & Analysis for AML, KYC, Sanctions, Trade Surveillance (for Equity, Fixed-Income, derivatives), Control Room (MNPI – WL/RL/DNS/DNT) and Employees Monitoring Models including Big Data initiatives.
- Front to Back Trading Operations modeling and activities to create and enhance strategic changes and assess programs from Regulatory sides
- Models/Rules Risk Validations and IT/Business Audit for AML, Sanctions and KYC (DFS-504): Lineage, DQ/I, Documentation, etc.
- Broad Financial experience: EQ, FI, all Derivatives, short sale, hedging, portfolio management, valuations, rates, structured notes & credit, FX.
- 18 years of Risk/Compliance incl. Actimize FinCrime (SAM8, CDD, WLF, Market Abuse Models), Prime Modules, Socure for Sanctions experiences for various FinCrime, Trading Surveillance projects for various regulation reporting to FED, FINRA, and SEC for multi regions.
- Product Management for Re-building new tools / processes to replace manual with automated. SDLC Documentation (BRS, SRS, FRS, PRD).
- AI / ML Strategic products & analytics to manage and simplify FinCrime model's outcome and put processes for higher quality and efficiency
- Crypto/Blockchain/DLT/Tokenization scholar – various typologies integrated with innovative, emerging technologies as part of DeFI & Web3
- Lead E2E Data Governance/Controls/Quality/Integrity projects – AI mindset for Analysis & Remediation tasks with matrix sources
- Lead system's migrations for changes in versions, topologies, setups and integration (manual vs automated, SaaS, cloud vs on premise)
- Front Office BU – MBS (Mortgage Backed Securities) securitization process, creating Bonds/Pool, Client Sales Technology (portals analytics)
- Product Solution Strategy – evaluate product software needs and identifying emerging technologies in the era. E2E SDLC implementations.
- Global Enterprise Data Warehouse expert (including: ETL processes, automation) for different DBs and architectures
- Credit Risk Regulation (Basel II) Consumers (Credit Cards, Loans, Mortgage, Home Equity, Collections). CCAR architecture, FED submission.
- Team Management (8 direct and 30 indirect) – Agile/Scrum and Waterfall methodologies. Working with C-level, BU and all cross organization.
- 17 years of SQL experience. 14 years of software engineering for RT applications, languages including: C, C++, Java. Full SDLC proficiency.

PROFESSIONAL EXPERIENCE

Bank – Quant & Product Tech Director – FinCrime Compliance, eTrading – Governance, Strategic & Merge Programs 03/2023 – Today
Lead Quantitative Trading Data & Analytic Modeling for Compliance Assessments (FLoD, SLoD) for various models and rules for AML/Sanctions/KYC work-streams covering various asset classes, venues, bank practices includes lookback, gaps, comprehensive metrics and issues remediation.

- FinCrime Models Coverage Assessment on SAS, Verafin, Actimize, Fircosoft, Bridger platforms - Issue evaluations, transformation, analysis practices, documentations. Quantitative reviews and trending, tuning AML models, scenarios and optimizations. Cover various payments methods, Customer screening and onboarding, numerous topologies, scenarios and aggregations, statistical variations and periodic metrics. Deliver to internal audit & regulators. Write assessment reports and recommendations for programs.
- Tech lead (Python and Java) to build AI Tool Wizard for FinCrime models for alert's classifications, reduction and resolution. Build Automations packages for analysis, reporting and views, BU replacement actions for US and global. Complex architectural integrations.
- Lead E2E analytics and assessments for legacy to strategic migrations and cutover as a result of M&A and new businesses.
- Quantitative Model's Validations, Tuning, Process / Data verifications, Optimizations, Thematic & Overall program's reviews & remediation.
- Payments and FinCrime tuning methods for ACH, FX, Credit Cards, Mortgages, Time Deposits, IRA, P2P and Monetary Instruments.
- Define, mitigate, re-iterate Governance & Controls workstreams for all risk apps and feeds – strategy, execution and E2E management.
- Multiple work streams including AEI, access management, data controls, sustainability, alerts, testing, BAU, and internal audit with BI tools.
- Managing within Global Governance including issue management, audit, exams, and observations processes and mitigations for compliance, risk, operation divisions. Build new strategic product. Define processes across dozens teams/platforms. Technical Dev on Alteryx and Tableau.

Credit Suisse – Director for CCO/CRO - Strategic Change Program/Product Manager – Buss & Tech & Data 02/2019 – 01/2023

Lead for CCRO (Chief Compliance Regulatory Office) group and HF, running F2B quant sourcing of IB,AM,WM and Private Banking Reqs & Data across all asset-classes, conduct global quantitative analysis for compliance and regulatory mandates. Support (technically and strategically) all compliance modeling groups, incl: Control Room (MNPI lists – WL, RL, custom lists, special UIs for portfolio managers and more), Trade Surveillance, AML/KYC processes, build new product for RegM process and MIFID-II. Full SDLC management.

- Run multiple programs across compliance division for all front to back changes and activities including product side.
- Broad financial instruments analysis includes Equity +/-derivatives, Fixed Income +/-derivatives, Short Sales, Structured products,
- Owning product development – define product's features, functionality, processes, UI, integration across all functional groups. Work internationally to adapt legacy/strategic features based on region's reqs in an E2E & F2B. Model Risk validations for compliance.
- Heading E2E complex Data Analytics solutions for Investment & Private Banking data and front office (FO) reporting.
- Quant Analysis for current / predictive state flows within Compliance and creation of business process documentation.
- Leading initiatives with key partners on projects cross program, technology, trading, operation, finance, legal and risk.
- Act as a subject matter expert (SME) in the data management space for all asset classes or a specific regulatory area such as Control Room or Trade Surveillance and FinCrime, including support BU and stakeholders, conduct data reviews, FRDs, provide inputs to develop test strategy, etc. Systems migrations from legacy to strategic sources. Lead data migrations program for Brexit for various financial products.
- Orders and Trades Management (OMS) phases (front to back) for EQ, Equity derivatives, FX, Structured Notes & Credit, various feeds,

- Operations activities within complex system's environment, source data topology and manage matrix deliveries.
- New Branches/Entities setup, drive analysis and development for FI, EQ and Derive and create various CCO Reports.
- Own situations, act as a bond between all groups to eliminate roadblocks and define, initiate, reconcile, execute, deliver.

ADP – AML/KYC/Sanctions – Senior Program Manager - Strategic Solution Architect and IT Audit Manager (IC) 02/2018 – 01/2019

- Solution Architect and Designer for global AML Transaction Monitoring (FCRM) including correspondent banking, KYC onboarding process and Sanctions Screening on Actimize platform. Creating roadmaps, blueprint and high level design across 3 main work streams:
 - ✓ AML – Actimize SAM numerous models for global transactions for clients, underlying employees, 3rd parties, beneficial owners.
 - ✓ KYC – creation of process with Actimize CDD, get client's data from Salesforce, perform customer due diligence and EDD.
 - ✓ Sanctions – creation of screening process with Actimize WLF for real time screening, reporting and action.
- Provide roadmap, HLD design expertise and oversight, direction and coordination in the development, integration, launch, scaling, and maintenance of new products including vendor's products and Cloud technology assessment. Lead migration of On-premise setup to AWS cloud based solution as a strategic SaaS solution. Alerts / Reports validations for Actimize, FIS Prime and TradeWatch.
- Partner with AML Compliance, Operations and Product Management teams to build entire solution. Apply best practices.
- Per DFS-504, conduct End-to-End Models/Rules and Data Validations and IT Auditing for AML rules/data as well as for Sanctions screenings (314a). Data Lineage (original sources thought all IT/Manual steps). Process's re-engineering, Data quality findings, artifact, reports and documentations. Create Summary Reports showing the Data flows, Business processes, metrics, findings, observations, issues and gaps.
- Methodological Investigative DQ&I checks across all sources on F2B basis, comprehensive hit mapping and check ETL Processes.
- Sanctions screenings (314a). Validations include Data Lineage (original sources thought all IT/Manual steps) to compliance business apps.

BNP,Natixis– Lead Tech PM – Trade Surveillance & FinCrime, Mortgage Backed Securities, Client Intelligence (IC) 06/2016 – 02/2018

Lead few highly analytical workstreams initiatives involved building functional, architectural leading 5 BAs in E2E efforts.

- Trade surveillance analytics within compliance IT for Capital Markets to develop and enhance models/reports cover Equity derivatives, fixed income and commodities. Managing stakeholders and all phases of the project SDLC, create BRDs/FRDs, data sets and model's analysis.
- Global AML, KYC, Sanction projects on platforms: Actimize, Norkom, Fircosoft, Tableau to fulfil USA regulations Conduct cryptography, risk assessments, data analyses and tech deliveries. Translate requirements to data and model's scenarios. SDLC delivery to production.
- For FI / MBS technology group, migrate mortgage database to new design and architecture to create new bonds deals, internal and external structured credit for open markets. Coordinate with key BU stakeholders, tech, product teams to collect, model and translate system enhancements into detailed business requirements, prioritization, new architecture, tech, DB requirements and migrations.
- Build next generation Clients Sales Intelligence Portals by conducting comprehensive gap analysis between different systems as sales group and traders are using various sources of data into their applications. Hands-on and full SDLC delivery management with all parties. Prepare all docs.

CitiBank – Senior Technical Program Manager – Global Operational Technology Risk (Big Data) (IC) 08/2015 – 05/2016

Program Manager for implementation of Enterprise Operational Risk program for the entire bank operations systems.

Program for comprehensive integration processes with 100+ systems across the organization to build new warehouse for those businesses and define all technical specs, risks metrics and indicators for operational risk reports and information sharing. Massive modular data analytic effort.

- Define and build global Big Data Warehouse that will act as a single golden source of controls data for all IT risk & control. Act as Technical Lead for the implementation side of the data and Models/Tools/Dashboards. A cloud based warehouse with advanced analytics..
- Team with Business Stakeholders to define strategic and lead Data Quality/Governance and Integrity across all businesses.
- Highly complex matrix activities that eventually reconciled and aligned into one big data repository as a multi-dimensional data pool.
- Conduct complementary projects for MetaData consolidation for all sources and end businesses/users as well as big dashboards analysis, reconciliation and building iWidgets 'store' to be used across different groups, platforms and businesses.

Barclays Capital – Project Manager – Global AML & Control Room Surveillance (Change Management) 03/2013 – 07/2015

Global PM within Change Management for a global trading compliance multi-years project for Control Room & AML Surveillance for all asset classes including: Equities, Fixed Income and Derivatives on a global basis (AMER, Mexico, EMEA and APAC).

The projects cover various control room models for Watch/Restricted/Research Lists including: Binary models, Sophisticated Trending models, On-Demand Research models with different configurable & analytics parts as well as AML SAM (3.5) and Custom AML Models globally.

- PM/BA for a strategic global initiative doing E2E activities: prepare detailed BRDs/FRDs, Data Analysis, Test/Use cases, results analysis.
- Lead Data Quality/Integrity and Governance project including: Huge Analysis, Exception report, Remediation flows & processes, advance complementary reports, deep root cause analysis, complete design, working with various group across the firm to remediate issues.
- Leading and monitoring the liaising between IT, BUs, vendor and higher level Corporate Management to define project goals, scope, timing, budget and completeness. Working on bank's duties and reports to the regulators (FED, etc). Detailed involvements in all project development parts. Act as PMO as well. SCRUM / Agile methodologies using JIRA, Confluence, PPM tools.
- Define mission statement, build Strategy, design, roadmaps, all documentations. Run Steer-Co. Managing stakeholder's relationship.

RBC Capital Markets – Project Manager / Senior Business Analyst – Global Trading Compliance Technology 12/2010 – 12/2012

US Lead PM/BA in a \$40M project for a global trading compliance project for Control Room, Employee Monitoring, and trade surveillance covering capital markets (FI, EQ, Derivatives, equity derivatives), wealth management and retail on Actimize tool. Hands-on technical expert BA, lead and conduct functional business reviews with stakeholders, documenting business requirements (BRD, FRD, PRD), analyze issues, present and recommend business solutions and run implementations SDLC processes. Manage project's processes and issues log, monitor results / deliveries.

- Control Room & Employee Monitoring for: deal managements, models & reports and attestations steps. Dozens of EQ & FI models (T+1 basis).
- Work on Actimize Models - product which includes: RCM, Modeler, Designer, Deal Management, DARTs, ETM, etc.
- Take a leadership role for US region in the Change Management process, steering committee, issues & requirement management. Act as SME for IT team to develop system specs, product architecture including integrations / building new in-house products with new business processes.

- Develop / maintain strong relationship with business partners and internal/external team members. Liaise with BU, IT, vendor, QA, other leads.

Bank of America Corp - Lead Analyst (Modeling Traded Products Compliance Technology)

11/2008 – 12/2010

Lead team player in Compliance / Surveillance Risk Management department working on Actimize's platform for production and application environment. Work with the users and control room in order to get requirements, problems and visions to implement them in the next development/release. Hands-on Model Analysis for GCIB (global corporate broker/dealer commercials) and GWIM (global wealth individuals).

- Analysis of Trading models with Market data (Bloomberg, Reuters) to support all emerging (new/fixes) activities including new architectures.
- Running local and global implementation includes US Equities and Fixed income. Rollout for Asset Management and Control Room models..
- Participate in model's strategy, define requirements and lead dev with other managers to progress architectural blueprint and implementation.
- Mentoring other team members and colleagues regarding the Actimize platform (architecture and technically), Microstrategy and Java.
- Tools: JIRA, Toad for Oracle, Discovery Enterprise, IBM Rational ClearQuest, SQL Server, Tivoli, Ariba/Clarity and more.
- Various sources: Bloomberg & Reuters for Market Data. Work with Microsoft SSRS Reports, JIRA, Share-Point, Microsoft office suite.

Actimize Inc – System Implementation / Post Sales Eng. / Tech. PM / Business Analysis (Compliance Models) 07/2006 – 10/2008

Performed cross-functional role: implementations & development, post sales, BA and architecture for compliance/risk suite of products including: trade surveillance, sales practices and Fin Crime for trading systems that detect Fraud and Money Laundering (AML) for financial institutions (Investment Bank, Trading Brokers). Actimize gives an enterprise Due Diligence Risk Management solution in a real time and transactional manner. Working on various versions of Actimize Modeler AIS, ACM (Case Manager) and Actimize Designer and other affiliated subscribed packages.

- Development, analysis, POC practices, ETL processes, built releases, installation and documentation of financial surveillance quantitative business models by the integrated Actimize platform for various financial and banking institutions. Product ownership practices.
- Posts Sales activities for financial clients that include: deployment, troubleshooting, integration with the client's product, and customization for client's requirements. Coordinate all processes with the business users. POC (proof of concept) activities before selling the product.
- Extensive client interfacing, built architecture and modeling approaches, data analysis and custom solutions.
- Hands-on development involved with SQL queries (MS SQL Server, Oracle, DB2), XML, and XSL scripts, Java script, ETL.

Comverse Inc, NY, USA – Senior Software Engineer (consulting)

12/2005 – 07/2006

Design, develop and testing of voice service products for SS7 in C, C++ involving cross functional systems.

IFT Ltd, TLV. ISR – Project Lead Software Engineer (Team Leader for 4 people)

05/2005 – 10/2005

Led development team in the full life cycle of Embedded Real-Time Wireless (Wireless LAN (802.11b) ZigBee (802.15.4)) card product. Development was done over .NET OS in C++ and C.

Motorola Inc, TLV. ISR & Chicago, IL – Senior Software Engineer

07/2001 – 12/2004

Hand-on embedded programming for cellular and wired protocols in C++ and C with several operating systems. Built 2 main products: NetSpy analysis app for all OSI levels and 3G cellular systems for 1X-CDMA2000 over RLP1, RLP2 (IS-95A/B Standard).

AudioCodes Ltd, TLV. ISR – Senior Software Engineer

08/2000 – 07/2001

Designed & developed software for Voice over IP products. Over RTP protocol into/from E1/T1 and ATM lines (C++/C).

RAD Communications Ltd (RAD Group), TLV. ISR – Software Engineer

03/1997 – 08/2000

Developed software programming for several platforms over different protocols. Designed & developed (C, C++) for varies products of SNMP and embedded R.T. Software for Voice & High Speed Data cards for E1/T1 lines for LAN/WAN environment.

MAMRAM computer unit – Software, Hardware and Network Specialist

03/1994 – 03/1997

Served in the well-known Mamram computer-unit in department of Communication, Embedded and Real-Time Technology Systems

TECHNICAL SKILLS

Compliance Applications: Actimize, FIS-Prime Modules, SAS, Socure, Palantire, Verafin, Mantas, Fircosoft (Continuity, Trust), Bridger, Norkom, Smarts.

General Apps & Tools: Salesforce, Tableau, Power BI, Alteryx, SourceSafe, Visual Studio, ClearCase, MS Office, SPSS, SQL Server, Oracle, SharePoint, JIRA, Confluence, Quality Center, SaaS, AWS, Cloud, Agile and Waterfall methodologies, Kanban, Scrum, Market Data (Bloomberg, Reuters).

Emerging Technologies: Web3, Blockchain, DeFi, DLT.

Software Languages: C, C++/OOD, Java, C#, Assembly, MFC, Prolog, Perl, Tcl, Scheme, SQL, Visual Basic

RT Operating Systems: Win CE .NET, Win32 (2000/NT), pSOS, VxWorks, RTXCdsp, Unix, Linux, RMX

Network/Protocols/Tech: LAN/WAN, TCP/IP, UDP, 802.11b, xDSL, E1/T1, VoIP, SNMP, RLP, RTP, PPP, HTTP, TFTP, WAP, SS7, XML/XSL, UML

Semiconductor Architectures: Intel: ARM-5 (XScale Core), 804xx family, 80x51; Motorola: 68xxx family, 8260; DSP: 8101