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EXECUTIVE SUMMARY

Experienced Healthcare **CIO, CISO** with a unique blend of **entrepreneurial and corporate background** leveraging technology to demonstrate Clinical, R&D, Biomedical Informatics, Businesses **value and Competitive Momentum** that thrives in very dynamic, high pressure, turnaround and crisis environments. Adaptable Manager with a powerful combination of in depth business acumen, technology knowledge, **relationship and communication skills** and the ability to **optimize technology investments** for the benefit of the organization.

NOTABLE ACCOMPLISHMENTS

FROST DATA CAPITAL – PINSCRIPTIVE – SPARTA, NJ   06/2015-PRESENT
CO-FOUNDER & CHIEF INFORMATION TECHNOLOGY

Accelerating a technology vision & strategy, bringing a product to market by building a **disruptive big data, advanced analytics** (Machine Learning, Predictive Modeling and NLP Technologies) platform to provide a solution to an ongoing cost increase of specialty drugs. Pinscriptive is first to utilize Real World Evidence and Clinical Trials data to **deliver Evidence backed Value based Decision support platform**. Established collaborations with key stakeholders in the pharmaceuticals, payers, and providers space. Successful POV / POC were concluded. Demonstrating a **transformative impact through Precise Analytics on the delivery of care, its outcome and financial positioning**.

BLYTHEDALE CHILDREN'S HOSPITAL– VALHALLA, NY   06/2011- 06/2015
CHIEF INFORMATION OFFICER / CHIEF INFORMATION SECURITY OFFICER

Driving information technology within the Clinical, Research, Informatics and Academic organizations strategically, where information and technology is fully leveraged to create value. Led the hospital in planning and implementing enterprise information systems and services to support the clinical, research as well as business operations in order to achieve more effective and cost beneficial operations.

Strategy and Leadership
- Strategic partner to the CEO and his leadership team promoting & aligning technology and informatics with the goals of the hospital.
- **Position the organization as leader** among the 19 specialty pediatric hospitals in the country.
- Effective budgeting, **controlling avoidable utilization**, Creative outsourcing strategies resulted in reduced operating & capital investments by 35%.
- Successfully initiating & **leading change management** initiatives: Clinical systems, ERP, New Construction, Security Systems.
- **Established key relationships** with: CEO, CFO, COO, CMO, CNO, CMIO and CQO to drive change initiatives.

Bringing Business Model Innovation
- **Founded an Innovation Center**; Radically innovated existing clinical and business practices, launching over 15 new programs.
- Utilizing IT as the enabler for transforming legacy business models. **Redesigning health system services for population health**
- Introduced new technologies & Services resulted in **improved clinical delivery.** Anticipated future impact of latest trends on HIT & business.
- **Engaging physicians in minimizing clinical variation** & Influencing key stakeholders and winning trust and support.
- Earned a leading position as a subject matter expert in the areas of **population analytics, actuarial science and healthcare economics**

Analytics - Clinical, Research & Education & Informatics Leadership
- **Co-chair a Clinical Outcome & Research Committees**, built a consensus around process, technology, and people.
- Applied and agile **HIT framework** resulted in innovative clinical solutions that **reduced technical complexity by more than 50%.**
- Leading a robust **clinical platform and population health solutions**, enabling actionable information and improving decision making by clinicians.
- Established and implemented an **IoT strategy** connecting key clinical systems, research systems, devices and diverse data sources enabling secure data exchange, faster access to information and aggregation of information siloes.
- Spearheaded the development of a **Research System and Electronic protocols** resulted in improved collaboration with external collaborators.
- Implemented Population Health solutions enabling; insight to key trends, **maximizing care and quality, patient coding and reimbursement**.
- Successfully implemented **Health Information Exchange with private and public** providers resulted in improved care delivery to patients.

Security Management Audit & IT Governance
- Established information **security strategy**, plan and architecture designed to evaluate and **manage risks effectively** internally & externally.
- **Serve as a Privacy Officer**, responsible for managing the risks and business impacts of privacy laws and policies with 100% compliance rate.
- Direct the development and enforcement of information security and privacy policies in compliance with federal and state regulations and standards.
- Directing key initiatives: **Security awareness audit & privacy, disaster recovery**, **business continuity and Incident response programs**
- Establishing and communicating standards, procedure and guidelines to prevent the unauthorized use, release, modification, or destruction of data.
- Responsible for **coordination of security audits** efforts with internal and external auditors and all applicable certification efforts.
- Monitor information security trends, internal and external to the organization and **kept management informed about information security risks**.

Delivery Technology Solutions & Services
- Established a joint committee (technical and clinical) to **identify & priorities opportunities,** establish plans and report on value delivery to CEO.
- **Strengthening IT's business-wide reputation** by sticking to promises and agreements.
- Implemented a single ERP solution for all business units, **establishing a single ecosystem for the organization**.
- Ensure continuous delivery of IT services meeting rising consumer expectations for service – **recipient of the customer service award**.
- Led **technology transformation** in and across business units applying **Lean Methodologies**. (RAD, CMMI & ITIL)
- **Built a global high-performance multi-cultural team achieved 100%** of the operational measures and business goals.

- Adopted numerous **cloud solutions for clinical and administrative solutions** resulted in increased workforce productivity and cost reduction.
- Increase efficiencies by Identifying, **pursuing innovative technologies** to be assimilated, integrated within and outside the Hospital infrastructure.

CITY OF NEW YORK – DEPARTMENT OF HEALTH - CHIEF MEDICAL EXAMINER, NYC, NY   03/2009-07/2011
CHIEF - INFORMATION OFFICER / CHIEF INFORMATION SECURITY OFFICER
Provided the vision and leadership for the development and implementation of information technology initiatives associated with all operational aspect of the agency operations in city, state and federal levels.

Leadership and Strategic Management
- Establish and cascade the **vision and strategies** in support of the Agency's goals and departmental goals.
- **Pioneered a creative and expedient nationwide Pathology and Medical investigation System to** address the rapidly changing national needs.
- **Reclaimed a leading position of an innovative Pathology Lab** among all medical examiners in the country
- **Illustrating Technology Value** through a performance management system for IT operations and the project management office.
- Built and **manage consensus** with key stakeholders, and the medical community, to assure appropriate technology-based decisions.

Change Management & Operational Excellence
- Streamlining back-office operations through the implementation of ERP solution resulted in **increase efficiency and greater transparency**.
- **Leading a lean IT footprint** increasing the value of services and solutions the IT organization delivered.
- **Led cost cutting initiatives** resulting in **$1.2M** in annual savings.
- Led a **global high- performance team** delivering cutting edge solutions for **population analytics and healthcare economics**.
- Spearhead the development of solutions for **disaster response team** capabilities resulted in improved response time to investigation scenes.

Revenue Generating Initiatives
- **Pioneered** the design, development and implementation of the **first Medical Investigative e-Learning** system in the industry.

Analytics -Research, Scientific & Medical Innovation
- **Transition the agency** to a paperless operations employing **Electronic Medical Record** drove effective business reengineering.
- Led the development of innovative software product **enabling DNA identification and sequence analysis**, **drove nationwide adoption** including the FBI and Medical examiners around the country.
- **Formed Informatics team**, delivered tools and solutions that advanced the Genome research meeting research's needs.
- Spearhead the deployment of a Laboratory Information Management System (**LIMS**) for the **largest Forensic Biology Lab in the nation. Met budget $3.6M and timeline of 14 months.**

Enterprise & Solutions Architecture
- Established standards policies and protocols, to deliver high availability infrastructure, in partnership with Gartner & Microsoft.
- Spearhead the **Business Intelligences, Data Warehouse and Data Marts** platforms improved accessibility to information and decision making.

Project Management Office
- **Formed a Project Management office** applying **Lean framework (CMMI)** driving best practices resulted in increased success rate by 80%.

Security Management & Compliance
- Develop Information Security policies and procedures and ensure that they remain current and are adhered too.
- Directs **long-range security planning** including review of all information assets.
- Improved compliance utilizing best practices and industry standards including **ISOs 27001, 2000x, 17799, ITIL, TOGAF, CMMI, and COBIT**.
- Successfully implement sustainable Information & **Cyber Security** user education programs across the agency.
- **Operationalized incident response team** facilitating investigative protocols and procedures.
- Identified potential areas of non-compliance or inappropriate practices, conduct a successful investigation into the situation and construct an appropriate response including forming the business case.

NOVOLUTIONS HEALTHCARE SPARTA, NJ   02/2008- PRESENT
CHIEF ANALYTICS OFFICER
An advisory firm that provides strategic planning, accountable care, clinical transformation and information technology consulting services to healthcare and Venture Capital organizations. With one goal: How improve healthcare delivery. The service model focus on: 1) Translating between analysts and business decision-makers to ensure that **analytics initiatives are aligned with business objectives**. 2) **Improving Decision making** with better insights 3) Taking calculated risks towards solutions and service that can move the organization forward 4**) Be a catalysts for a change management** initiatives 5) **Connect across the organization** to drive value from investment and outcomes 6) **Identify opportunities** and gain advantage to help the organization achieve its goals.   6) Optimal delivery strategies for solutions in **population analytics, actuarial science and healthcare economics**

COLUMBIA UNIVERSITY MEDICAL CENTER / CARDIOVASCULAR RESEARCH FOUNDATION NYC, NY   08/2005-07/2008
DIRECTOR – INFORMATION TECHNOLOGY
Led a domestic/global technology organization responsible for all aspects of tactical, strategic execution of mission critical division of the Foundation; Clinical Research Organization (CRO), Research & Development Center, Patient care and Educational Divisions worldwide. Initiated revenue generating initiatives for the Foundation in the area of electronic data capturing (EDC), online learning\training, and tele-radiology system.

Strategy & Value
- Successfully apply strategies to meet the organization goals resulted in **optimized use of technology** and **revenue generating initiatives**.

- Valued member of executive team demonstrating the ability to **translate clinical and financial information** into meaningful insights.
- The Skirball Center: Led the **technology, biomedical design, sourcing and implementation for a newly established Global Research center**.

Analytics - Genomics \ Biomedical Informatics
- Led **complex data mining integrations** of the electronic medical record, **research informatics**, clinical and translational research disciplines.
- Through Complex integrations delivered aggregate, interactive, real-time reports, dashboards and score cards.
- Applied innovative, big data technologies to **transform of the Data Coordinating Center**. Resulted in cost reduction by $2M annually.
- Provide a set of clinical and data management platforms results in **improving Patient engagement strategies**.

Operational Excellence
- **Improved IT service levels** driving best practices, SLA's, KPI's and comprehensive awareness solutions for the organization.
- **Delivered a 23% reduction** in data center and telecommunication cost through SMART sourcing and contract negotiations.
- Implemented an ERP solution resulted in an increase of efficiencies, reducing cost by eliminating outsourcing services previously established.

Research Innovation & New Revenue Generating Business
- Founded the first in the industry e-Learning solution for industry sales force on Cardiology practices and standards achieving $8M in revenue.
- Led the implementation of **global** (3000 sites worldwide and over 1.5 million registered clinical participants) a **Teleradiology system and electronic data capturing (EDC) system achieving $22 million in revenue**.

Organizational Development & Talent Management
- Implemented several **leadership and employee development programs**, action learning programs and facilitating professional coaching to managers, resulted in greater employee retention and increase collaboration among employees.

Technology Architecture & Enterprise Systems Integration
- **Drove LEAN software architecture** and software engineering practices in complex matrix environments to support business objectives.
- Adopted **ITIL framework resulted in improved; service management**, technology management, application development and operations.

Validation, QA, Compliance & Policies
- **Technical lead with government entities**, FDA, NIH in financial and clinical reporting, performance measurement (KPI's and SLA's).
- Implemented industry best practices & regulations; Meaningful Use, **HITECH Act ITIL, ISO 9000\13485, CMMI, HIPAA and CFR 21 Part 11**.

Data Warehouse & Software & Application Development
- Spearheaded a **cloud based clinical/medical platform** enabling dramatic improvement on collection processing decision of clinical trial data.
- Improved clinical operations by **implementing a robust data warehouse solution**, aggregating data from different silos, systems and devices.
- Delivered **business intelligence solution** improving the competitive advantage of the organization.

PTC THERAPEUTICS EDISON, NJ   10/2000-08/2005

SENIOR DIRECTOR – INFORMATION SYSTEMS

Joined as Employee # 4 and led the technology vision, strategy and plan. Worked closely with company executives and researchers to build and align technology solutions and services to accelerate research in; RNA, Oncology Genetic Disorders and Infection Diseases.

Leadership & Strategy
- Set and communicated the **vision and strategy** for IT.
- Proactively recommended transformations to senior executives in order to strengthen and maintain competitive advantage.
- Provided robust but constructive challenge to stakeholders on technology initiatives. Communicated clearly the IT and risk implications.
- Sponsored delivery of **planned transformation or major change initiatives** In the IT function.

Information Broker
- **Anticipated research and business needs**, shaped the organization with the right technology.
- Maintained sophisticated information architectures, **enabling access the right data at the right speed**
- Managing data storage thoroughly and accurately

Analytics - Biomedical Informatics
- **Building an interdisciplinary technology and informatics team**, providing innovative solutions to collect, analyze and disseminate information
- Initiated and implemented change management projects: **Laboratory System (LIMS), Data warehouse, and research analytics solutions**.

Keeping the Lights On
- **Delivering IT services and security at agreed service levels and without interruptions**.
- Managing daily IT operations in the most effective and efficient way.
- Identified, communicated and resolving IT and security problem with high priority.

Technology and Best Practices
- Delivered a **robust technology infrastructure** supporting a scientific and research driven organization through rapid growth.
- Develop IT road map to supporting evolving research and business needs.
- **Collaborated with the CFO** to implement an ERP to establish and streamline back office operations.
- **Oversaw audit & compliance**, business process management, and IT investment, demonstrating a transparent and accountable process.

Staff Development
- Build and lead high performance multidisciplinary teams (**on\off shore**).
- Provide **coaching and mentoring to employees** and ensure their ongoing learning and development were met.

Project Management
- Demonstrated **creative sourcing & excellent budget planning** and allocation skills **resulted in 20% cost reduction** in key projects.
- Directed the technology projects and delivery resulted in increase of project success rate.

Technology Enterprise Systems & Infrastructure
- Devised a three year **IT road map** supporting the emerging research and clinical needs.
- Successfully integrate mixed environments supporting scientific roadmap alignment, and driving adoption of improved software development.
- Established and maintain appropriate IT security and IS stability for all computing and data system consistent with emerging industry standards.

Compliance & Regulations
- Authored policies, procedures and guidelines; developed and presented training materials.
- Ensured compliance with SOX, legislation and FDA regulation (HITECH, Meaningful Use HIPAA, CFR21 Part 11) ISO 2000x, 17799

GENESIS INTERMEDIA VANY-NUS, CA   04/1994-08/2000
OPERATIONS MANAGER

Directed the design, implementation of technology solutions and services, enabling seamless operations of an integrated marketing and business solutions company. Provided strategic and visionary leadership to a distributed team; utilized exceptional technical expertise and excellent managerial skills. Managed data center operations, network, security and compliance, messaging, storage, disaster recovery, helpdesk and Telecom.

Project Management
- **Led a nationwide projects**, budgets, coordinate resources, manage vendors, delivered a successful technology expansion.
- Collaborated with sales \ marketing and business development on solutions, resulted in **increased customer satisfaction and retention**.

Technology Operations
- Educated, sensitized, and **managed the expectations of the business units** with regard to the challenges of IT.
- Worked with the CIO to prepare detailed annual budget, consistent with overall vision and business plans.
- Implemented a security policy and annual awareness training for the organization
- Maintain **close working relationship with business leaders** and other line of business across the Genesis operating portfolio.
- Ensure application portfolio and roles & responsibilities are leveraged and aligned across the enterprise.
- Lead and manage a **highly productive, motivated and driven team** through strong communication, empowerment, reward and coaching techniques.

Business Intelligence and Performance Management
- **Developed appropriate performance measurements** and standards for system and network administrators
- Assessed requirements and provided intelligence to the CIO regarding business trends and management needs

Vendor Management
- Developed vendor requirement and assessment criteria policy for the technology organization
- Established a consistent measurements system for all suppliers and subcontractors **ensuring the best value and cost**.

OTHER CONSULTATIVE ACTIVITIES:
- CIMA - Center for Information Management and Assurance – Member Board of Advisors   June 2013 to Present
- GLG Research – Advisor Council Member NYC, NY   January 2012 to Present

ADDITIONAL EXPERIENCE: Previously served as Senior Network manager & web Administrator at Movo Media, Lead Support Engineer at Chase Credit Systems, Senior Network Support at AT&T, and Software Analyst & Support Specialist at MRM Corporation.

EDUCATION AND PROFESSIONAL CREDENTIALS

Presently Attending Rutgers University: Master's in Biomedical and Informatics anticipated to graduating in Jan 2017.
Colorado Technical University: Bachelor of Science in Business Administration -Concentration in Information Technology   Graduated – 2007

PUBLICATIONS \ WRITING
Regular Contributor for the: Harvard Innovation Lab | Executive Insight | Information Week | Axis News | CIO Review | The Record

CLINICAL & RESEARCH SYSTEMS
Meditech, Epic, Cerner, Eclipsys, Allscripts, McKesson, Rouland Boargs, Pyxis, Omnicell, GE Healthcare, Siemens, Phytel, Lumeris, iTriage, MyHealthDirect, Zynx, Lexi-Comp, UptoDate, Dr. First, IMO, FDB, Alaris, AeroScout, Labvantage, IDBS, StarLIMS, MEtlab, SPSS, SAS, QlickView, MicroStrategy, R, Jasper

PROFESSIONAL TRAINING
Executive Leadership Program Project Management Program, From Business Strategy to IT Action, Organizational Systems Improvement Program, E-Commerce Management Program, Human Resource Development Program, Accounting and Finance Program, Business Strategy Program, Emergency Management, Institutional Review Board

AWARDS & CERTIFICATIONS
2002/2004 Employee of the Year Award, 2009 Employee of the Year Award, Certification for Information System Security Professional (**CISSP**), Cisco Certified Network Professional (**CCNP**), Cisco Certified Design Associate (**CCDA**), Cisco Certified Network Associate (**CCNA**),Oracle Database Administrator (**DBA**), Microsoft Certified Systems Engineer (**MCSE),** CompTIA A+, Black Hat - **Hacking Security Systems Certification,** EVI - **VOIP Certification,** Silicon Graphics, Inc. (SGI) **IRIX Certification,** ISS - **Intrusion Detection**

RONI H. AMIEL

MEMBERSHIPS & ASSOCIATIONS

Society Information Management (**SIM**), Technology Executive Networking Group **(TENG),** Information Systems Audit and Control Association **(ISACA),** Information Systems Security Association **(ISSA)**, Information Security Association **(ISC2), CIO** Leadership Network

RONI H. AMIEL