

# Shahzad Ahmad

Principal Biomedical and Health IT Consultant

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Quandary Peak Research

Chicago, Illinois

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As a Principal Biomedical and Healthcare IT Consultant, I have extensive understanding and knowledge of the enterprise healthcare IT landscape in both EHR systems as well as medical devices.

Before joining Quandary Peak, I worked as a technical problem solver and project manager, implementing the Epic EHR across some of the nation's top hospitals. I provided technical oversight, managed projects, and designed solutions for implementing Epic modules for population health, reporting, outpatient care, telehealth, and patient portal access.

I hold a Bachelor of Science in Bioengineering with minors in both Business and Chemistry from the University of Illinois. While there, I was part of a research team focused on developing technologies for early detection of cancer biomarkers and worked to promote nanotechnology through interactive web content.

Today, I continue to hone and apply my skills in the EHR space, helping clients navigate regulatory standards, software quality, project management, and patient safety.

## Education

**B.S. in Bioengineering**, Business and Chemistry Minor

University of Illinois at Urbana-Champaign | 2014

## Employment

### Quandary Peak Research

**Principal Biomedical and Health IT Consultant** | Chicago, IL | Aug 2021–Present

- Provide expert consulting for major health IT software vendors and government agencies including HHS and OIG on matters involving compliance and industry best practices on quality management systems, SDLC, risk management, patient safety, project management, and software usability.

### Haemonetics

**Product Team Lead** | Nov 2018–Aug 2021

- Manage the entire lifecycle of medical devices designed to produce Thromboelastography (TEG) tracings, used to characterize blood clotting.
- Own development of roadmaps and software requirements for both device firmware and results viewer software.
- Responsible for the overall compliance of the product to internal standard operating procedures and external guidelines set by regulatory agencies such as the Food and Drug Administration (FDA) and the General Data Protection Regulation (GDPR).
- Align efforts with marketing, operations, and development to ensure software is meeting the demands of the marketplace.

## Epic Systems

### Technical Project Manager | Jan 2015–May 2018

- Guide C-level executives on the use of population health tools such as predictive analytics, data warehouses, telemedicine, and inclusion of external data to improve patient outcomes.
- Spearhead creative technical solutions to meet customers' needs including designing workflows to increase physician efficiency, better patient outcomes, and increase healthcare institution's bottom line.
- Lead teams of 4–20 individuals with diverse skills sets including analysts, trainers, and technical system administrators; ensuring multiple successful implementations by creating and managing project plans, tracking interim milestones, and ensuring dates are met for smooth go-lives.
- Manage the technical implementation for 8+ clients of EHR software deploying over \$750M+ of big data software for top health care institutions nationally.
- Conduct weekly (50+) technical audits as the overall internal success owner of lab workflows and install processes to ensure designed workflows meet best practice standards as well as work with developers to ensure development meets customer needs.

## University of Illinois at Urbana-Champaign

### Research Assistant | Dec 2012–Dec 2014

- Developed procedure for electrical detection of microRNA using silicon field effect transistor device array for early detection of cancer biomarkers.
- Performed intensive bioengineering data analysis using Matlab and Excel and presented weekly updates.
- Led, trained and mentored undergraduates on research protocols and methods.

### Production Manager | University of Illinois at Urbana-Champaign | May 2014–Dec 2014

- Produced and distributed interactive web content which facilitated increased multi-campus exposure to the field of nanotechnology.
- Managed, scheduled, and instructed 3-member team on recording and editing lectures relating to nanotechnology and worked to maintain organization website and YouTube accounts.
- Utilized Adobe Creative Suite to design interactive web content templates to allow students to easily visualize lecture content.

## Litigation Consulting

### • **PioneerRx, LLC v. Roman Health Ventures, Inc.** | Aug 2025–Present

Jurisdiction: US District Court, Western District of Louisiana

Case Number: 5:23-cv-00902

Counsel: One LLP

Nature of Suit: Copyright, Trade Secret, Breach-of-Contract

### • **Eldridge Larkin and Myriam Hernandez-Larkin v. Ahmadur Rahman, MD** | Aug 2025–Present

Jurisdiction: NY Supreme Court, New York County

Index Number: 0805345/2021

Counsel: Dwyer & Taglia, Esqs.

Nature of Suit: Medical Malpractice

- **Estate of Ryan Grey Lopez v. St. John's Hospital, Hospital Sisters Health System, Siu Physicians & Surgeons, Inc.** | Aug 2025–Present  
 Jurisdiction: IL Circuit Court, Sangamon County  
 Case Number: 2024LA000028  
 Counsel: eliteXprts  
 Nature of Suit: Medical Malpractice
- **Miles Carroll v. Garrett Thiel, MD; Sean Early, MD; Steven Hollstien, MD; Jordan Justice, MD; William Dunbar, MD; Ryan Skrupky, MD; Robert Maciel, MD; Michael Trambert, MD; Santa Barbara Cottage Hospital, et al.** | Aug 2025–Present  
 Jurisdiction: CA Superior Court, County of Santa Barbara  
 Case Number: 24CV02224  
 Counsel: Law Office of Paul Green  
 Nature of Suit: Medical Malpractice
- **Estate of Brady Rheet Muck v. Knox Community Hospital and Emily Woods, DO** | Aug 2025–Present  
 Jurisdiction: OH Court of Common Pleas, Knox County  
 Case Number: 24MM08-0239  
 Counsel: Arnold Todaro Welch & Foliano  
 Nature of Suit: Medical Malpractice
- **Tom Olson and Tammy Olson v. Bozeman Health Deaconess Hospital, Daniel R. Kollmorgen, MD, Synergy Surgicalists, Intercity Radiology, and Heidi Tuthill, M.D.** | Apr 2025–Present  
 Jurisdiction: MT Eighteenth Judicial District Court, Gallatin County  
 Case Number: DV46-2024-0001006-PI  
 Counsel: Crowley Fleck, PLLP  
 Nature of Suit: Medical Malpractice
- **Estate of Aja Zynee Drummer v. Isis Obstetrics & Gynecology, LLC, d/b/a, Nile Women's Health Care, Hughan Frederick, MD, Lenika Vianen, CNM, and Zahidah Tunkara, CNM** | Apr 2025–Present  
 Jurisdiction: State Court of GA, County of DeKalb  
 Case Number: 24A05296  
 Counsel: Copeland Stair Valz & Lovell LLP  
 Nature of Suit: Medical Malpractice
- **Nardi Estate v. Hackensack Meridian Health** | Mar 2025–Present  
 Jurisdiction: Superior Court of NJ, Middlesex County  
 Case Number: MID-L-148-22  
 Counsel: Walsh Pizzi O'Reilly Falanga LLP  
 Nature of Suit: Medical Malpractice
- **North Country Hospital v. Cerner Corporation** | Mar 2025–Present  
 Jurisdiction: Vermont American Arbitration Association  
 Case Number: 01-24-0005-4848  
 Counsel: eliteXprts  
 Nature of Suit: Medical Malpractice
- **Parents of Sophia Birdsall v. Kettering Medical Center** | Nov 2024–Present  
 Jurisdiction: OH Court of Common Pleas, Montgomery County  
 Case Number: 2022 CV 04144  
 Counsel: eliteXprts  
 Nature of Suit: Medical Malpractice

- **Estate of Christopher John Arroyo v. Sariye Savci, Hackensack University Medical Center** | Nov 2024–Present  
 Jurisdiction: Superior Court of NJ, Essex County  
 Case Number: ESX-L-7679-22  
 Counsel: Walsh Pizzi O'Reilly Falanga LLP  
 Nature of Suit: Medical Malpractice
- **Parents of James Ace Whitson v. Presbyterian Healthcare Services** | Nov 2024–Present  
 Jurisdiction: State of NM, County of Santa Fe  
 Case Number: D-101-cv-202201576  
 Counsel: Wheeler Trig O'Donnell LLP  
 Nature of Suit: Medical Malpractice
- **Ann Walas, Executor of the Estate of Robert Walas v. Trinity Medical Center** | Nov 2024–Present  
 Jurisdiction: Circuit Court of the Fourteenth Judicial Circuit of IL, Rock Island County  
 Case Number: 2019 L 6  
 Counsel: Bozeman, Neighbour, Patton & Noe, LLP  
 Nature of Suit: Medical Malpractice
- **Vassar Brothers Medical Center v. Richard Tobey, M.D. and Emergency Physician Services of New York** | Nov 2024–Present  
 Jurisdiction: Supreme Court of the State of New York, County of Ulster  
 Case Number: EF2022-2562  
 Counsel: O'Connor First  
 Nature of Suit: Medical Malpractice
- **Amy Thompson, et al. v. St. Luke's Health Network, Inc.** | Oct 2024–Present  
 Jurisdiction: PA Court of Common Pleas for Lehigh County  
 Case Number: 2024-C-0240  
 Counsel: Consovoy McCarthy PLLC  
 Nature of Suit: Class Action, Privacy
- **Bell, Nedra E. v. Bailey, Latoya, et al.** | Oct 2024–Present  
 Jurisdiction: Orleans Civil District Court, Parish of Orleans, LA  
 Case Number: 202000681  
 Counsel: Bieser Jones Walker LLP  
 Nature of Suit: Medical Malpractice
- **Shirley Carroll, Estate of David B. Carroll v. Kettering Adventist Health Care Network** | Sept 2024–Present  
 Jurisdiction: Common Pleas Court of OH, Montgomery County  
 Case Number: 2021 CV 00559  
 Counsel: Bieser Greer  
 Nature of Suit: Medical Malpractice
- **HealthbookPlus Holdings, Inc v. Rod Jardine** | Sept 2024–Jan 2025  
 Jurisdiction: JAMS  
 Case Number: 5220003477  
 Counsel: Burns Figa & Will  
 Nature of Suit: Breach-of-Contract

- **iPro, Inc v. Flagler Hospital, Inc** | Aug 2024–Oct 2024  
Jurisdiction: Seventh Judicial Circuit of FL, St. Johns County  
Case Number: CA22-1559  
Counsel: The Minor Firm  
Nature of Suit: Breach-of-Contract
- **GG Insurance Services, Inc v. Myles Johnson, Insurance Group, LLC** | Aug 2024–Present  
Jurisdiction: US District Court, District Of Arizona  
Case Number: 2:23-cv-01964  
Counsel: Koley Jesson  
Nature of Suit: Copyright, Trade Secret
- **Covid Testing Today, NRJY Inc v. Flow Health Laboratories, LLC, and Signal Diagnostics, LLC** | July 2024–Present  
Jurisdiction: JAMS Arbitration  
Case Number: 5210000247  
Counsel: Hochfelsen & Kani  
Nature of Suit: Arbitration, Breach-of-Contract
- **Teri Ginnan, Estate of Edward J. Ginnan, IV, Deceased v. Tanmay P. Patwa, M.D., Southwest Infectious Disease Associates, and Silver Cross Hospital and Medical Centers** | Feb 2024–Present  
Jurisdiction: Circuit Court of Illinois, Twelfth Judicial Circuit, Will County  
Case Number: 20 L 509  
Counsel: Langhenry, Gillen, Lundquist & Johnson, LLC  
Nature of Suit: Medical Malpractice
- **Vimo Inc d/b/a GetInsured v. Deloitte Consulting LLP** | May 2024–Mar 2025  
Jurisdiction: Superior Court of CA, County of Santa Clara  
Case Number: G-24-7-NA, 22-cv-405262  
Counsel: Kirkland & Ellis LLP  
Nature of Suit: Trade Secret, Breach of Contract
- **Priscilla Salcedo v. Stride Adult Residential Facility L-3, Los Angeles County Regional Center** | Feb 2024–Present  
Jurisdiction: Superior Court of The State Of California, County of Los Angeles  
Case Number: 22PSCV00977  
Counsel: Murchison & Cumming LLP  
Nature of Suit: Medical Malpractice
- **Austin Roberts v. Iowa Health System, Trinity Medical Center, Afzal Abdullah, M.D., Michael Barr, M.D., Ubaid Sherwani, M.D., Rajesh Alla, M.D., Quad Cities Nephrology Associates, Steven Cremer, M.D. and Iowa Physicians Clinic Medical Foundation** | Nov 2023–Present  
Case Number: 2020 L 76  
Counsel: Lane & Waterman, LLP  
Nature of Suit: Medical Malpractice
- **Madelyn Hammock v. Hackensack Meridian Health** | Oct 2023–Present  
Jurisdiction: Superior Court of New Jersey  
Case Number: MON-L-003760-21 - 20510  
Counsel: Walsh Pizzi O'Reilly Falanga LLP  
Nature of Suit: Medical Malpractice

- **Patricia Natiss v. Kenneth Natiss** | Oct 2023–Nov 2023  
 Jurisdiction: Stamford Superior Court  
 Case Number: FST-CV21-5024830-S  
 Counsel: Cohen and Wolf, P.C.  
 Nature of Suit: Divorce Settlement
- **Lena Williams v. Kaiser** | Sept 2023–Present  
 Jurisdiction: California  
 Counsel: Williams Law Firm  
 Nature of Suit: Breach of Contract, Medical Malpractice, Arbitration
- **Kristen Dondero, et al. v. Yaakov Abdelhak, M.D.** | Aug 2023–Present  
 Jurisdiction: Superior Court of New Jersey Bergen County  
 Case Number: BER-L-3527-20  
 Counsel: Walsh Pizzi O'Reilly Falanga LLP  
 Nature of Suit: Medical Malpractice
- **Estate of Kimberly Fazekas, Deceased, v. Franciscan St. Margaret Health — Dyer, et. al.** | Aug 2023–Present  
 Jurisdiction: Lake Superior Court State of Indiana  
 Counsel: Krieg DeVault LLP  
 Nature of Suit: Medical Malpractice  
 Health IT System: Epic  
 Review and analyze electronic health records and audit trails
- **Pioneer Rx, LLC v. Danwins, LLC** | June 2023–Nov 2023  
 Jurisdiction: Louisiana Western District  
 Case Number: 5:21-cv-01738  
 Counsel: Kirkland & Ellis, LLP  
 Nature of Suit: Trade Secret
- **Richard Lasiw v. Hackensack University Medical Group** | June 2023–Present  
 Jurisdiction: Superior Court of New Jersey, Appellate Division  
 Counsel: Walsh Pizzi O'Reilly Falanga LLP  
 Nature of Suit: Medical Malpractice  
 Health IT System: Epic  
 Review and provide analysis of electronic health records, audit logs, and system configurations for the Epic EHR.
- **Lifescience Technologies, LLC, v. Mercy Health, Mercy ACO Clinical Services, Inc. and Myia Labs, Inc.** | Apr 2023–Present  
 Jurisdiction: U.S. District Court, Eastern District of Missouri  
 Counsel: Stinson LLP  
 Nature of Suit: breach of contract, trade secret  
 Providing analysis of trade secrets and trade secret misappropriation in health IT applications including virtual health and telehealth.
- **Kasandra Izquierdo v. The New York and Presbyterian Hospital** | Apr 2023–Aug 2023  
 Jurisdiction: Supreme Court of the State of New York County of Bronx  
 Counsel: Heidell, Pittoni, Murphy & Bach, LLP  
 Nature of Suit: Medical Malpractice  
 Health IT System: Eclipsys (Now Allscripts/ Veradigm)  
 Review and analyze electronic health records, audit trails, and production from retired EHR systems and migration of data to new EHR systems.

- **Arianne McCain v. Northwestern Memorial Healthcare** | March 2023–Oct 2023  
 Jurisdiction: Circuit Court, Cook County Illinois  
 Counsel: Motherway & Napleton, LLP  
 Nature of Suit: Medical Malpractice  
 Health IT System: Epic  
 Review and analyze electronic health records, audit trails, and InBasket messages
- **Amy Fleschert v. Cedars-Sinai Medical Center** | Feb 2023–Nov 2023  
 Jurisdiction: Superior Court of California, County of Los Angeles  
 Counsel: Carpenter law  
 Nature of Suit: Class Action, Medical Billing  
 Health IT System: Epic  
 Review and analyze billing information to aid in determination of system export capabilities regarding medical billing
- **Joao Martins v. Michael Curi, M.D.** | Feb 2023–Feb 2023  
 Jurisdiction: Superior Court of New Jersey, Law Division: Middlesex County  
 Counsel: Farkas & Donohue, LLC  
 Nature of Suit: Medical Malpractice  
 Health IT System: Sunrise McKesson (Now Allscripts)  
 Review and analyze electronic health records, audit trails, to determine edits made to clinical notes.
- **Brady and Macy Ingram v. Cerner Corporation** | Feb 2023–Aug 2023  
 Jurisdiction: Circuit Court Of Jefferson County, Alabama  
 Counsel: Hare, Wynn, Newell & Newton, LLP  
 Nature of Suit: Medical Malpractice  
 Health IT System: Cerner  
 Review and analyze electronic health records, system configurations, and system generated artifacts along with internal development documents to determine the nature of microbiology laboratory results display.
- **James Barcz v. Mercy Hospital Cedar Rapids Iowa** | Nov 2022–Present  
 Jurisdiction: Iowa District Court for Linn County  
 Counsel: Hayes Lorenzen Lawyers, PLC  
 Nature of Suit: Medical Malpractice  
 Health IT System: Epic  
 Review and analyze electronic health records, audit logs, and automated vitals machine data.
- **Sarah Trotta v. Community Health Network** | Oct 2022–Jan 2023  
 Jurisdiction: Marion County Indiana Superior Court  
 Counsel: Zeigler Cohen & Koch  
 Nature of Suit: Medical Malpractice  
 Health IT System: Epic  
 Review and analyze electronic health records and EHR configurations for display of laboratory results.
- **Andrew Puglisi v. Maria N. Musso, D.O.** | Sept 2022–Oct 2022  
 Jurisdiction: Supreme Court of the State of New York, County of Queens  
 Counsel: Bamundo Zwal Schermerhorn & Caffrey, LLP  
 Nature of Suit: Medical Malpractice  
 Health IT System: eClinicalWorks (eCW)  
 Review and analyze electronic health records, audit logs, and determine what information has been shared and with whom.

- **Ruth Elsie Sowder v. Louis Kattine, M.D.** | July 2022–Aug 2022  
 Jurisdiction: Montana Fourth Judicial District Court Missoula County  
 Counsel: Hall Booth Smith  
 Nature of Suit: Medical Malpractice  
 Health IT System: Epic  
 Review and guide client on subpoena requests for audit trails across multiple Epic features such as InBasket messages and Sticky Notes. Review relevant audit trails and electronic health records.
- **Tony L. Sylvester v. University of S. Alabama Health Services Foundation (representing Laboratory Corporation of America Holdings)** | July 2022–January 2023  
 Jurisdiction: Circuit Court, Mobile County Alabama  
 Counsel: Lewis Rice, LLC  
 Nature of Suit: Medical Malpractice  
 Health IT System: LabCorp, NextGen, Cerner  
 Review and analyze electronic health records, audit logs, interface messages (HL7) relevant to the case. Provide expert analysis on industry standard laboratory information system (LIS) integration with EHR systems.
- **Angela Prieto v. Rush University Medical Center** | July 2022–June 2023  
 Jurisdiction: Circuit Court, Cook County Illinois, Case No. 18 L 003531  
 Counsel: Swanson, Martin & Bell LLP  
 Nature of Suit: Medical Malpractice  
 Health IT System: Epic  
 Review and provide analysis of electronic health records, audit logs, and system configurations for the Epic EHR.
- **Byron Foxie v. Ann and Robert Lurie Children's Hospital of Chicago and Almost Home** | July 2022–Present  
 Jurisdiction: Circuit Court, Cook County Illinois, Case No. 19 L 7430  
 Counsel: Barker, Castro & Steinbeck, LLC  
 Nature of Suit: Medical Malpractice  
 Health IT System: Epic  
 Assist with the review and discovery production of electronic health record information relevant to the case. Provide analysis of electronic health records, audit logs, and system configurations for the Epic EHR.
- **Estate of David Rose and Carol Ann Rose v. Medical Information Technology Inc. (MEDITECH)** | Apr 2022–June 2022  
 Jurisdiction: Superior Court of New Jersey  
 Counsel: Sills Cummis & Gross P.C.  
 Nature of Suit: Medical Malpractice  
 Health IT System: Meditech  
 Perform forensic analysis to evaluate and recreate medication prescription generation and transmission of prescriptions to pharmacies. Review and analyze electronic health record audit logs, system configurations, and system generated artifacts.
- **People of the State of California; Aetna Health of California v. Dr. Shahrokh Dayyani** | Nov 2021–June 2022  
 Jurisdiction: Superior Court, State of CA, County of Los Angeles  
 Counsel: Kennaday Leavitt PC  
 Nature of Suit: Healthcare Billing Fraud  
 Assist with the review and discovery production of electronic health record information relevant to the case. Provide analysis regarding industry standards for electronic health record audit logs.



## Intellectual Property Consulting

### • Confidential Analysis of Cyber-Security Incident | Nov 2024

Counsel: Bernstein Litowitz Berger & Grossmann LLP

Nature of Consultation: Pre-Litigation Analysis

## Management, Audits, & Compliance Consulting

### MAK-SYSTEM Group | Apr 2024–Aug 2024

- Provided training to MAK-SYSTEM personnel to prepare for FDA audit including content, audit process, and preparedness strategies.
- Performed a mock audit utilizing the FDA's Quality Systems Guide to Inspections of Quality Systems. Based on QSR and other applicable 21 CFR Part 800 and ISO 13485 requirements.
- Incorporated applicable FDA guidance such as General Principles of Software Validation; Final Guidance for Industry and FDA Staff (2002) and the ISO 14971 and 62304 standards.

### Bluesight, Inc. | Nov 2022–Feb 2023

- Conducted management advisory services related to assessment of effectiveness of organizational strategy as executed through technology processes and functions, people, structure, and culture.
- Participated in interviews with key stakeholders to gather information and reviewed various systems of records to identify shortcomings in processes.
- Authored comprehensive report outlining gap findings along with recommendations on how to resolve them.

### MedAdvisor Solutions | Oct 2022–Present

- Performed advisory services related to implementing a robust product management function along with a standard software development lifecycle process (SDLC).
- Conducted a comprehensive analysis of entire companies SDLC and generated artifacts to identify gaps and areas for improvement.
- Authored an extensive report outlining gap findings along with recommendations on how to resolve them.
- Embedded within technology and product teams to guide implementation of best practice recommendations.
- Guided organization on the creation of a product team
- Created a new SDLC standard operating procedure (SOP) and trained teams to ensure compliance.

### eClinicalWorks, LLC and Office of the Inspector General | May 2019–May 2022

- Serve on the Software Quality Oversight Organization under the Corporate Integrity Agreement between eCW and the OIG of HHS
- Act as an independent auditor and oversight organization covering a technical review of EHR software and development processes as it relates to patient safety.
- Provide recommendations to align company practices with industry best practices and foster a patient safety culture.
- Authored numerous reports and memorandums documenting findings and adherence to recommendations regarding software quality, project management, DevOps, quality assurance, clinical informatics, security, and standards.

## Research Projects

**NCPDP Foundation Research Grant** | June 2022–Mar 2024

- A research project pertaining to RxChange Request and Response Transactions. The research will inform best practices to further enhance adoption and optimization of these transactions.

## Journal and Magazine Articles

- Shahzad Ahmad | 2023  
[\*Navigating Electronic Health Records Discovery in Medical Professional Liability Claims\*](#)  
Inside Medical Liability

## Honors and Awards

- **President's Award** | University of Illinois
- **SCC Presidential Award Excellence in Mathematics**
- **SCC Presidential Award Excellence in Physics**
- **Class of 2010 Salutatorian**
- **Eagle Scout Award** | Boy Scouts of America

## Certifications

- **Six Sigma Green Belt**
- **Epic Healthy Planet**
- **Epic Patient Portal**
- **Epic Reporting**
- **Epic Stork**
- **EpicCare Ambulatory**
- **EpicCare Link**

# Skills

## Technical

Data Analysis, Visual Basic for Applications (VBA), Matlab, R, HL7 Standards, Epic Systems, Arduino, Lab-on-a-chip

## Apps

Microsoft Office, Microsoft Project, Microsoft Excel Dashboards & Pivot tables, Adobe Creative Suite

## Laboratory Skills

qPCR, ELISA, fluorescent microscopy

## Admin

Project Management Consulting, Cross-functional Team Leadership, Six Sigma Lean Methodology

## Personal

Public Speaking, Teamwork, Customer Service