

JD to Resume Fit-Match: Senior Scientist Pharma

Source JD: recruiter, Black Diamond Networks, per session payload session.json.

Source resume: Holstein_John_Senior_Scientist_Pharma_Black_Diamond_Networks_2026_08_27.docx, finalized 2026-08-27.

Core Responsibilities

JD Requirement	Matching Position(s)	Evidence
Build production-grade agentic AI workflows for pharmaceutical use cases	NewsRx, Principal AI Solutions Architect (Nov 2025 - Present) Evernorth (Cigna Group), Business Analytics Principal (Mar 2025 - Sep 2025) Optum Insight/UHG, Product Owner (Oct 2024 - Dec 2024) Optinosis, Chief Data Scientist (Aug 2024 - Present) Amgen, Sr Business Systems Solutions Analyst, GenAI (Nov 2023 - Apr 2024) Invistics, Sr Data Scientist & PM for AI (Mar 2018 - Aug 2021) Street Grace, Sr Data Scientist & PM for AI (Mar 2017 - Jan 2018)	NewsRx: built the production biomedical LLM, agentic evaluation, provenance, and SME-review platform in Python. Evernorth: designed an NLP and predictive-analytics advocacy architecture. Optum: led delivery of GenAI-enabled Medicaid and TPA analytics. Optinosis: orchestrates production ML workflows, PostgreSQL, Streamlit, and MCP automation. Amgen: designed GxP-validated multi-agent regulatory drafting with accountable human sign-off. Invistics: commercialized supervised-ML drug-diversion workflows across 300+ hospitals. Street Grace: took Gracie from chatbot MVP through production.

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Integrate regulatory, clinical, safety, and scientific sources	NewsRx, Principal AI Solutions Architect (Nov 2025 - Present) Evernorth (Cigna Group), Business Analytics Principal (Mar 2025 - Sep 2025) Optum Insight/UHG, Product Owner (Oct 2024 - Dec 2024) Amgen, Sr Business Systems Solutions Analyst, GenAI (Nov 2023 - Apr 2024) J&J MedTech, Sr Technical Business Analyst (Aug 2021 - Jul 2023) Invistics, Sr Data Scientist & PM for AI (Mar 2018 - Aug 2021) Cardinal Health, Executive Director of Innovation and BI (Jun 2002 - Mar 2005) Syncor, Director of Innovation (May 1987 - Jun 2002) NPI, Pharmacy Manager (May 1984 - May 1987) Summa Medical, Intern (May 1983 - May 1984)	NewsRx: integrates biomedical source records, generated summaries, model scores, provenance, and SME review. Evernorth: governed Epic, CMS, KPI, and semantic-layer sources. Optum: unified Medicaid, TPA, claims, and government-standard data. Amgen: integrated CTD M4Q, M4S, and M4E content with Veeva-controlled regulatory sources. J&J MedTech: integrated SAP, JDE, Veeva, EUDAMED, lineage, glossary, and ontology across divisions. Invistics: normalized ERP, EHR, automated-dispensing, workforce, IoT, sensor, and investigation data. Cardinal Health: joined pharmacy, safety, quality, complaint, CAPA, exposure, SAP, and distribution reporting. Syncor: integrated nuclear-pharmacy production, logistics, radiation detection, and international operations. NPI: governed preparation, shipment, patient dosing, quality control, and waste records. Summa: joined assay, device-QA, radiation-safety, and IND/IDE evidence.

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Preserve evidence traceability and auditable source grounding	NewsRx, Principal AI Solutions Architect (Nov 2025 - Present) Evernorth (Cigna Group), Business Analytics Principal (Mar 2025 - Sep 2025) Amgen, Sr Business Systems Solutions Analyst, GenAI (Nov 2023 - Apr 2024) J&J MedTech, Sr Technical Business Analyst (Aug 2021 - Jul 2023) Invistics, Sr Data Scientist & PM for AI (Mar 2018 - Aug 2021) Cardinal Health, Executive Director of Innovation and BI (Jun 2002 - Mar 2005) Summa Medical, Intern (May 1983 - May 1984)	NewsRx: ALCOA+ audit trails, Data Vault 2.0 provenance, source verification, model evaluation, and SME review preserve the chain from abstract to decision. Evernorth: data and report dictionaries established traceable meaning across 147 CMS reports. Amgen: Veeva-controlled CTD drafting preserved source context, change control, and human signatory accountability. J&J MedTech: Alation lineage, semantic definitions, ontology, and governed lakehouse transformations linked regulatory outputs to SAP, JDE, and Veeva sources. Invistics: canonical data model preserved source lineage through risk scoring. Cardinal Health: auditable safety, quality, CAPA, complaint, exposure, and dosimetry reporting. Summa: documented acceptance criteria, deviations, corrective actions, calibration, and change control.

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Support automatic risk assessment and compound safety analysis [category match]	NewsRx, Principal AI Solutions Architect (Nov 2025 - Present) Evernorth (Cigna Group), Business Analytics Principal (Mar 2025 - Sep 2025) Optinosis, Chief Data Scientist (Aug 2024 - Present) Amgen, Sr Business Systems Solutions Analyst, GenAI (Nov 2023 - Apr 2024) Invistics, Sr Data Scientist & PM for AI (Mar 2018 - Aug 2021) Cardinal Health, Executive Director of Innovation and BI (Jun 2002 - Mar 2005) Syncor, Director of Innovation (May 1987 - Jun 2002) NPI, Pharmacy Manager (May 1984 - May 1987) Summa Medical, Intern (May 1983 - May 1984)	NewsRx: evaluates biomedical claims for factual grounding, certainty, and emphasis. Evernorth: applied predictive analytics and standardized 147 CMS measures. Optinosis: builds multimodal early-cancer risk workflows. Amgen: governed Safety and Efficacy content under ICH M4S and M4E. Invistics: supervised ML produced risk queues from multi-system evidence and achieved 96.3% accuracy with earlier detection. Cardinal Health: reviewed adverse-event, complaint, CAPA, network-quality, exposure, and dosimetry trends across 80+ radiopharmacies. Syncor: used production, dispensing, transport, and radiation-monitoring evidence to manage product and material risk. NPI: performed dual-verification, generator-quality, contamination-response, patient-dose, and remediation controls. Summa: analyzed assay repeatability, deviations, corrective actions, and investigational-device safety evidence.

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Apply pharmacovigilance and safety-surveillance concepts [category match]	NewsRx, Principal AI Solutions Architect (Nov 2025 - Present) Evernorth (Cigna Group), Business Analytics Principal (Mar 2025 - Sep 2025) Amgen, Sr Business Systems Solutions Analyst, GenAI (Nov 2023 - Apr 2024) Invistics, Sr Data Scientist & PM for AI (Mar 2018 - Aug 2021) Cardinal Health, Executive Director of Innovation and BI (Jun 2002 - Mar 2005) Syncor, Director of Innovation (May 1987 - Jun 2002) NPI, Pharmacy Manager (May 1984 - May 1987) Summa Medical, Intern (May 1983 - May 1984)	NewsRx: detects factual, certainty, emphasis, and evidence-grounding defects. Evernorth: governed CMS and healthcare-quality evidence. Historical roles used period-appropriate vocabulary, so the resume does not claim named ICSR or MedDRA platform operation without direct evidence. Amgen: governed ICH M4S Safety and M4E Efficacy content. Invistics: detected controlled-substance risk patterns and routed evidence to investigators. Cardinal Health: personally produced or reviewed adverse-drug-event summaries, product-complaint trends, CAPA, FDA quality reports, network-quality reports, radiation exposure, and dosimetry summaries. Syncor: directed nuclear-pharmacy safety, monitoring, transport, production, and service-line controls. NPI: managed patient-dose quality, dual verification, contaminated-generator remediation, Co-60 response, and multi-agency reporting. Summa: documented investigational device QA, deviations, corrective actions, and radiation safety.

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Perform adverse-event quality assurance and biomedical text analysis [category match]	NewsRx, Principal AI Solutions Architect (Nov 2025 - Present) Evernorth (Cigna Group), Business Analytics Principal (Mar 2025 - Sep 2025) Amgen, Sr Business Systems Solutions Analyst, GenAI (Nov 2023 - Apr 2024) Invistics, Sr Data Scientist & PM for AI (Mar 2018 - Aug 2021) Cardinal Health, Executive Director of Innovation and BI (Jun 2002 - Mar 2005) Syncor, Director of Innovation (May 1987 - Jun 2002) NPI, Pharmacy Manager (May 1984 - May 1987) Summa Medical, Intern (May 1983 - May 1984)	NewsRx: biomedical NLP compares source abstracts with generated summaries and captures five quality scores, certainty and emphasis, reason codes, comments, and reviewer provenance. Evernorth: governed healthcare reports, provider data, and clinical-operational definitions. Amgen: scientific and regulatory writers reviewed AI-drafted ICH M4 Quality, Safety, and Efficacy content. Invistics: investigators reviewed evidence behind ML risk classifications. Cardinal Health: pharmacist-led review covered adverse events, complaints, CAPA, exposure, dosimetry, FDA quality, and network trends. Syncor: pharmacist practice joined clinical appropriateness, product identity, activity, purity, timing, and patient dosing. NPI: pharmacist practice joined product quality, patient dosing, and regulatory evidence. Summa: assay and investigational-device work established acceptance criteria, repeatability, deviations, and corrective actions.

Technical Requirements

JD Requirement	Matching Position(s)	Evidence
Design rigorous AI and model evaluation	NewsRx, Principal AI Solutions Architect (Nov 2025 - Present) Evernorth (Cigna Group), Business Analytics Principal (Mar 2025 - Sep 2025) Optinosis, Chief Data Scientist (Aug 2024 - Present) Amgen, Sr Business Systems Solutions Analyst, GenAI (Nov 2023 - Apr 2024) Invistics, Sr Data Scientist & PM for AI (Mar 2018 - Aug 2021) Street Grace, Sr Data Scientist & PM for AI (Mar 2017 - Jan 2018) Summa Medical, Intern (May 1983 - May 1984) DARPA/USAF Weapons Lab, Research Assistant (Sep 1979 - May 1983)	NewsRx: specialized LLM judges, HHEM, BERTScore, blinded SME review, reason codes, DeepEval gates, Langfuse tracing, and controlled prompt experiments evaluate grounding, accuracy, relevance, readability, coverage, and editorial quality. Evernorth: standardized 147 CMS KPI definitions. Optinosis: production ML workflows and model registry practices support comparison. Amgen: GxP validation and human signatory controls tested regulatory drafting. Invistics: domain-expert hypotheses and machine-selected features were validated against investigations. Street Grace: measured workforce reduction, case identification, and disruption outcomes. Summa: 300+ assay iterations established repeatability, reproducibility, acceptance criteria, deviations, and corrective actions. DARPA: simulations and visualized test flows were checked against physical laser-test results.

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Use Python and vector or knowledge-retrieval systems	NewsRx, Principal AI Solutions Architect (Nov 2025 - Present) Evernorth (Cigna Group), Business Analytics Principal (Mar 2025 - Sep 2025) Optinosis, Chief Data Scientist (Aug 2024 - Present) Amgen, Sr Business Systems Solutions Analyst, GenAI (Nov 2023 - Apr 2024) J&J MedTech, Sr Technical Business Analyst (Aug 2021 - Jul 2023) Invistics, Sr Data Scientist & PM for AI (Mar 2018 - Aug 2021) Alliance Mobile Financial, COO (Jan 2013 - Feb 2015) GeoSpatial Metrics, Founder/Director of Advanced Analytics (Aug 2005 - Jan 2013) DARPA/USAF Weapons Lab, Research Assistant (Sep 1979 - May 1983)	NewsRx: production Python, PostgreSQL, structured outputs, biomedical retrieval, provenance, and model evaluation. Evernorth: Python, Tableau metadata, governed semantic layers, data dictionaries, and Alation-ready architecture. Optinosis: Python, PostgreSQL, Streamlit, MCP, model registry, and multimodal pipelines. Amgen: Python-enabled multi-agent regulatory workflows over controlled Veeva content. J&J MedTech: Alation semantics, ontology, lineage, AWS S3, Redshift, Databricks, SAP, JDE, and Veeva integration. Invistics: Python feature engineering and canonical integration across ERP, EHR, ADC, IoT, and investigation systems. Alliance Mobile: Cloudera, Hadoop, NoSQL, API integration, and ML. GeoSpatial Metrics: data warehousing, ETL, SQL, OLAP, Hadoop, and geospatial retrieval. DARPA: FORTRAN, Cray computing, pattern recognition, Monte Carlo simulation, and scientific visualization.
Work with Claude or comparable foundation models	NewsRx, Principal AI Solutions Architect (Nov 2025 - Present) Evernorth (Cigna Group), Business Analytics Principal (Mar 2025 - Sep 2025) Optum Insight/UHG, Product Owner (Oct 2024 - Dec 2024) Optinosis, Chief Data Scientist (Aug 2024 - Present) Amgen, Sr Business Systems Solutions Analyst, GenAI (Nov 2023 - Apr 2024) Street Grace, Sr Data Scientist & PM for AI (Mar 2017 - Jan 2018)	NewsRx: hands-on multi-model biomedical generation and evaluation with Anthropic Claude API, self-hosted Qwen, specialized judges, and escalation models. Evernorth: designed an enterprise AI advocacy concept using NLP and predictive analytics. Optum: applied GenAI to government-standard and provider-KPI mapping. Optinosis: model-agnostic MCP and production ML orchestration. Amgen: multi-agent GenAI architecture and prompt workflows for controlled regulatory drafting. Street Grace: production conversational AI through Dialogflow and SMS. The work is foundation-model portable rather than dependent on a single vendor.

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Understand complex regulated pharmaceutical documents	NewsRx, Principal AI Solutions Architect (Nov 2025 - Present) Evernorth (Cigna Group), Business Analytics Principal (Mar 2025 - Sep 2025) Optum Insight/UHG, Product Owner (Oct 2024 - Dec 2024) Amgen, Sr Business Systems Solutions Analyst, GenAI (Nov 2023 - Apr 2024) J&J MedTech, Sr Technical Business Analyst (Aug 2021 - Jul 2023) Invistics, Sr Data Scientist & PM for AI (Mar 2018 - Aug 2021) Cardinal Health, Executive Director of Innovation and BI (Jun 2002 - Mar 2005) Syncor, Director of Innovation (May 1987 - Jun 2002) NPI, Pharmacy Manager (May 1984 - May 1987) Summa Medical, Intern (May 1983 - May 1984)	NewsRx: biomedical publication, GxP, ALCOA+, Part 11, provenance, and scientific-review controls. Evernorth: CMS, HIPAA, provider, and value-based-care requirements. Optum: CMS, claims, Medicaid, and TPA requirements. Amgen: ICH M4Q Quality and CMC content expanded to ICH M4S Safety and M4E Efficacy within the CTD framework. J&J MedTech: FDA, EU MDR, EUDAMED, UDI, SAP, JDE, Veeva, surveillance, and cross-division regulatory data. Invistics: NIH NIDA SBIR, HIPAA, controlled-substance, investigator, and hospital workflows. Cardinal Health: FDA, NRC, state radiation-control, adverse-event, complaint, CAPA, exposure, dosimetry, cGMP, and network-quality reporting. Syncor: radiopharmaceutical production, transport, patient-service, international-joint-venture, and radiation-monitoring requirements. NPI: Boards of Pharmacy, NRC, FDA, DOT, EPA, OSHA, generator QC, patient dosing, and contamination remediation. Summa: NIH SBIR, FDA GLP, device cGMP, IND/IDE evidence, and a team-authored Tc-99m radiolabeled white-blood-cell IND.

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Operate as a hands-on senior individual contributor	NewsRx, Principal AI Solutions Architect (Nov 2025 - Present) Evernorth (Cigna Group), Business Analytics Principal (Mar 2025 - Sep 2025) Optinosis, Chief Data Scientist (Aug 2024 - Present) Amgen, Sr Business Systems Solutions Analyst, GenAI (Nov 2023 - Apr 2024) J&J MedTech, Sr Technical Business Analyst (Aug 2021 - Jul 2023) Invistics, Sr Data Scientist & PM for AI (Mar 2018 - Aug 2021) Street Grace, Sr Data Scientist & PM for AI (Mar 2017 - Jan 2018) Alliance Mobile Financial, COO (Jan 2013 - Feb 2015) GeoSpatial Metrics, Founder/Director of Advanced Analytics (Aug 2005 - Jan 2013) Summa Medical, Intern (May 1983 - May 1984) DARPA/USAF Weapons Lab, Research Assistant (Sep 1979 - May 1983)	NewsRx: sole contributor against a four-person staffing plan across architecture, Python, data pipelines, model evaluation, web review, governance, and deployment. Evernorth: independently built consulting-team-scale semantic and governance infrastructure. Optinosis: hands-on PostgreSQL, Streamlit, MCP, and ML workflow delivery in a three-person team. Amgen: hands-on architecture, product ownership, user stories, regulatory mapping, and production launch. J&J MedTech: hands-on Alation, ontology, lineage, lakehouse, and regulatory transformation work. Invistics: hands-on data integration, feature engineering, risk-model design, validation, and commercialization. Street Grace: orchestrated MVP-to-production chatbot and evidence workflows. Alliance Mobile: COO who also engineered the PaaS and analytics. GeoSpatial Metrics: founder-led data, geospatial, logistics, and analytics systems. Summa: hands-on assay, QA, and validation work. DARPA: hands-on scientific computing and visualization.

Named Pharmacovigilance Artifacts

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Use current named PV artifacts including DSUR, PBRER, RMP, SmPC, USPI, IDP, and TPP [keyword gap]	NewsRx, Principal AI Solutions Architect (Nov 2025 - Present) Amgen, Sr Business Systems Solutions Analyst, GenAI (Nov 2023 - Apr 2024) J&J MedTech, Sr Technical Business Analyst (Aug 2021 - Jul 2023) Cardinal Health, Executive Director of Innovation and BI (Jun 2002 - Mar 2005) Syncor, Director of Innovation (May 1987 - Jun 2002) NPI, Pharmacy Manager (May 1984 - May 1987) Summa Medical, Intern (May 1983 - May 1984)	NewsRx: direct biomedical evidence extraction, summarization, grounding, provenance, and expert review. The underlying experience is strong, but the resume intentionally does not state that John personally authored every currently named DSUR, PBRER, RMP, SmPC, USPI, IDP, TPP, ICSR, or MedDRA artifact without source evidence. Amgen: direct ICH M4Q, M4S, M4E, CTD, Veeva, Safety, Efficacy, and controlled regulatory-content work. J&J MedTech: direct FDA and EU MDR regulatory data, surveillance reporting, EUDAMED, UDI, lineage, and ontology. Cardinal Health: direct adverse-event, complaint, CAPA, FDA quality, network-quality, exposure, dosimetry, and regulated product evidence. Syncor: direct radiopharmaceutical labeling, product quality, clinical use, patient-dose, transport, monitoring, and regulatory reporting. NPI: direct radiopharmaceutical labeling, product quality, clinical use, patient-dose, and remediation evidence. Summa: direct IND/IDE and investigational evidence packages.