

JOANNA CHODZYNSKA

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Innovator, researcher turned Product Manager focused on building transformative, AI-powered products for various industries, such as healthcare, finance, e-commerce and energy sectors.

EXPERIENCE

FINRA, Lead Product Manager - Enterprise Data Platforms | 12.2021 – 2.2024, Boston, MA, US

The Financial Industry Regulatory Authority (FINRA) is the single largest independent regulatory body for securities firms operating in the United States.

- My mission was to enable data-driven insights and innovation for the protection and integrity of the US capital markets.
- Managed products covering the full data lifecycle: ingestion, storage, cataloging, discovering, sharing, and authorization.
- Led development of platform-level services central to FINRA's cloud-based data lake that processes 100s of billions of market events daily.

AITIA (former GNS Healthcare), Senior Product Manager | 5.2019 - 12.2021, Somerville, MA, US

AITIA develops causal AI platform-REFS to discover actionable insights. Reconstruct disease biology and answer what-if questions through computerized simulations to see how patients respond to therapy. AITIA work with leading biopharma companies, health plans and foundations.

- Led development and launched new AI-powered application “Gemini” that transforms massive patient data into in silico models, which reveal the complex system of interactions underlying disease progression and response to treatment.
- Closely collaborated with world’s largest biopharma companies and health plans.
- Worked directly with the SVP of Corporate Strategy and Product Development to redesign product vision and product strategy.
- Hands-on experience working with data scientists, researchers, mathematicians to develop prototypes.
- Formulated and implemented new R&D-To-Market process to maximize success rate of AI-powered applications.
- Collaborated with engineering, UX design, marketing, Business Development to promote commercial success of new products.

GNS Healthcare, Product Owner | 4.2018 - 5.2019, Cambridge, MA, US

- Led development of causal AI platform through the entire life cycle (from early-stage research through commercialization) for series C through D startup.
- Worked with R&D and engineers to develop new machine learning tools which decreased time needed to discover novel insights from weeks to few hours.
- Continuous monitoring of customer experience and satisfaction achieving average NPS score >8
- Worked as a customer advocate for multiple teams: R&D, license delivery and marketing.
- Prepared training materials and led training sessions for key clients from pharmaceutical industry.

Mabios LLC, Owner | 4.2017 – 1.2018, Malden, MA, US

Mabios LLC offered consulting services for overseas companies from healthcare IT sector helping them to enter the US market.

- Prepared launch strategy of a software for data extraction and analysis from Electronic Medical Records.
- Created and executed market entry strategy, business plan and pricing models.
- Prepared integration spec (API and HL7) for integration with Athena Health system.

Webinterpret, Scrum Product Owner | 3.2015-10.2016, Warsaw, Poland

Webinterpret is a leader in cross-border solutions for e-commerce platforms like eBay and Amazon, enabling over 20,000 enterprise retailers, brands and marketplace sellers to grow their sales worldwide.

- Led cross-functional team of 10, for fast growing series A startup, responsible for development patented algorithms based on Large Language Models for machine translation - a core element of the Webinterpret platform.
- Achieved 70% reduction in translation costs by launching LLM-based algorithms for machine translation.
- Increased international online sales for eBay and Amazon sellers 3 quarters in a row overachieving quarterly targets, through more accurate machine translation.
- Initiated and managed project to implement new methods of measuring machine translation quality of Large Language Models, resulted in reducing an error rate from 10% to 3%.
- Launched new system for category translation based on graph and classification ML algorithms for eBay listings
- Designed and set up metrics to track progress of GMV, translation costs and system stability.
- Helped to establish new R&D team working on Language Models.

Transition Technologies S.A, R&D Product Manager and System Analyst | 4.2012 – 2.2015, Warsaw, Poland

Transition Technologies Capital Group is a leading IT systems provider in Central Europe. Transition Technologies have developed over 60 copyrighted products for industries like: energy, gas market and healthcare and have been implementing them globally.

- Owned, designed and launched new product - MedStream Designer to find eligible patients for clinical trials based on complex longitudinal RWD from Electronic Health Records like medical notes, lab results, visits, hospitalizations, medications and imaging results.
- Owned, designed and launched a decision support system for primary care physicians, for a quick identification of families with high risk of hereditary cancer.
- Co-invented and patented method of assessing the risk of postoperative complications in a breast cancer therapy
- Established strong position of Transition Technologies on the healthcare market in Poland, that resulted in implementation of MedStream Designer in 8 hospitals.
- Prepared business plan for the clinical data analysis tool and successfully raised €470K for the company from the European Union fund.

The Maria Sklodowska-Curie Institute of Oncology, Researcher and IT Specialist | 5.2009 – 3.2012, Warsaw, Poland

I was responsible for statistical analysis and data management at the research lab in the biggest oncology hospital in Poland.

- Designed integration specification and migrated data from the biggest EHR database in Poland.
- Conducted statistical analysis in R, Stata and SAS for research projects.
- Published 4 papers and 1 poster:
 - *Clinical importance of FANCD2, BRIP1, BRCA1, BRCA2 and FANCF expression in ovarian carcinomas*
 - *Predictive systems in oncology based on real life patients records*
 - *BRIP1/FANCF/BACH1 polymorphic variants – P919S, E879E – prognostic/predictive significance in ovarian cancer in Polish population*

- *p16INK4a, p19INK4d AND CDC25B as negative predictive and prognostic factors in taxane-platinum-treated ovarian cancer patients*
- *Reevaluation of the use of epidural analgesia on postoperative pain (compare the quality of epidural analgesia (EA) with the systemic administration of analgesics (GA) in an extensive cancer surgery)*

PriceWaterhouseCoopers, Associate | 9.2008 – 4.2009, Warsaw, Poland

I won an internship at PwC as a laureate of a nationwide internship program organized by PwC and the biggest Polish newspaper "Gazeta Wyborcza". After my graduation I was offered a full-time job in the financial audit department.

- Examined financial reports and related IT systems.

EDUCATION

2021

- **Certificate in Product Strategy; Discovering, Developing, Managing and Marketing Products as a Business** (Northwestern University - Kellogg School of Management)
- **Negotiation Skills: Strategies for Increased Effectiveness** (Harvard Division of Continuing Education)

2019

- **Pragmatic Marketing certified Level IV**

2017

- **Scrum Master Training** (CollabNet, Burlington, MA)
- **Certified Scrum Master** (Scrum Alliance)

2006-2008 Technical University of Szczecin, Poland

- MSc in Management and Production Engineering; Major in Software Development.

ACCOMPLISHMENTS

- **Successfully led a project of building, patented and deploying machine translation algorithms based on Large Language Models which reduced translation costs by 70% in less than a year, achieved better translation quality and increased revenue for customers**
- **3 publications, 1 poster**
- **2 patents (Machine Translation and Post-operative Risk Assessment)**
- **Presented at the Data Governance and Information Quality Conference in San Diego 2023**
- **Outstanding Achievement Award for Q3 2019 at AITIA for leading development of no-code solution for causal machine learning platform**

SKILLS

- Development and productization of AI/ML algorithms and models
- Creating technical specification based on scientific papers
- Delivering R&D projects from inception through prototyping to production launch
- Defining product and innovation strategy
- Software architecture
- Agile, Scrum and Lean methodologies
- Data management and strategy
- Communication and presentation
- Leading cross-functional teams in startup and corporate environments
- Managing highly visible and critical projects
- Marketing strategy
- Data driven decision making