

Dr. Peter Bencsik

Purpose driven medical doctor with strong digital and innovation skills.

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Vienna, Austria

Summary

Purpose-driven medical doctor combining scientific understanding with strong digital and innovation skills. Proven success in bridging technical and non-technical domains through technical knowledge, stakeholder management, and alliance building. Expert in SAFe Agile backlog & roadmap ownership, interoperability, and translating voice of customer into products or services. Peter is an ideal candidate for roles requiring strategic, out-of-the-box thinking and attention to details.

Core Competencies

- Stakeholder Engagement & Voice of Customer
- Medical doctor with deep technical skills
- Patient-Centric Design & Usability Testing
- Scaled Agile Framework (SAFe) & PI Planning
- Product Roadmap & Backlog Management
- FHIR/HL7 Data Integration
- AWS Cloud & Serverless Architectures
- Jira, Confluence, Miro
- AI, LLM, Python

Professional Experience

Sustainable Development & Innovation Manager (Regional)

Boehringer Ingelheim RCV / Pharma, Vienna

Apr 2023 - Jul 2025

- Led and facilitated cross-functional teams in life sciences to design and prototype innovative solutions for complex healthcare challenges (e.g., health equity, rural healthcare access), ensuring alignment with strategic business objectives and user needs.
- Developed and grew an internal entrepreneurship program, enabling employees to create and test new ideas through Design Thinking and lean startup methods, thus promoting a culture of ongoing innovation and flexible problem resolution.

Innovation Project Manager (Regional)

Boehringer Ingelheim RCV / Pharma, Vienna

Jan 2022 - Apr 2023

- Led AI-powered patient identification projects for chronic diseases, from idea to pilot.
- Designed and facilitated the 'Top Female Founders Summer School,' an EIT Health co-funded program, annually guiding 100 participants through intensive Design Thinking workshops to

develop, prototype, and pitch entrepreneurial, often AI-enabled, solutions for pressing healthcare challenges.

Senior Product Manager (Global)

GE HealthCare / MedTech, Budapest

Jun 2020 - Jan 2022

- Agile product development (SAFe) and strategic roadmap for a global real-world data platform, facilitating healthcare data integration and analysis for clinical, operational, and financial insights, laying the groundwork for AI/ML applications.
- Coordinated global iterative requirements gathering and validation with clinical and technical teams for a user-centric, scalable platform aligned with healthcare workflows, utilizing agile feedback and implementing FHIR/HL7 data interoperability standards.

Consortium Research Leader (European)

GE HealthCare / MedTech, Budapest

Oct 2015 - Jun 2020

- Spearheaded European consortium research projects focused on applying Artificial Intelligence to medical imaging and advanced diagnostics, guiding multinational, cross-functional teams from grant application and ideation through to prototype development and dissemination of results. The research collaborations reached market maturity in tumor segmentation on CT/MRI, pneumothorax identification on X-Ray, and radiation therapy planning.
- Effectively conveyed complex technical information and project results to various audiences, including academics, clinicians, and leadership, bridging technical and non-technical gaps for clarity and project alignment.
- Developed funding proposals at national and international level.

Business Unit Manager, Natural Sciences and Medical Portfolio

Akadémiai Kiadó (Wolters Kluwer group) / Publishing, Budapest

Oct 2011 - Oct 2015

- Managed a team of editors and sales agents to publish high-impact journals and books, organise scientific events, and maintain relationships with leading medical and scientific professionals.
- Developed internationally recognised journals, conferences, and online platforms. Successfully improved the impact factors of journals in the portfolio to attract more high quality publications.

Key Projects

AI Literacy Education (2018-2025)

Designed and led the 'HelloAI' program at GE HealthCare, successfully training over 3,000 healthcare professionals and engineers in AI development fundamentals, practical implementation strategies, and ethical considerations, significantly enhancing AI literacy and adoption. This initiative directly

addressed the need to bridge technical and non-technical audiences. The program is still running in a professional setting.

Initiated, designed, and delivered a Microsoft Copilot training program for Boehringer Ingelheim administrative staff (120+), promoting responsible AI tool adoption and establishing the 'Friends of AI' knowledge-sharing community to foster cross-departmental AI solution ideation and best practices.

Developed AI prototypes and agents using Python, OpenAI APIs, crewAI, and OpenAI Agents SDK, showcasing practical AI toolchain and agile development skills. Launched a pilot website generating illustrated content for a specific market to evaluate AI capabilities.

Top Female Founders Summer School (2023-2025)

Directed the EIT Health-funded 'Top Female Founders Summer School', an international innovation program. Designed and facilitated week-long innovation sprints for 300 European entrepreneurs, guiding them through the innovation cycle: problem definition, ideation using Design Thinking, business model development, AI healthcare prototyping, and pitching. Managed an eight-partner consortium (including INiTS, Uni Heidelberg, IESE, BDO) to co-create and validate innovations.

People Part of Digital Innovation (2022-2025)

Spearheaded 'People Part of Digital Innovation' at Boehringer Ingelheim, an agile intrapreneurship program that empowered teams to develop and launch digital solutions. This initiative increased efficiency and fostered an innovative, user-focused culture, resulting in 20 project ideas and 6 internal product launches, ranging from augmented reality to sustainability enabling marketplace.

Health Equity Project in Rural Regions (2025)

Secured initial interest for €1.6 million in seeding funds for a health equity project proposal. The project aims to provide screening and personalized patient follow-up for 100,000 cardio-renal-metabolic patients in underserved rural areas, demonstrating feasibility and strategic alignment of local NGO capability with global strategy.

Personal AI Projects & Development

Developed AI-driven websites and applications, including an AI-powered content generation toolchain using Python, OpenAI API, crewAI, Langchain. Experimented with serverless LLM application architectures on Amazon Bedrock, building prototypes to explore scalable AI solutions.

Education

- **Medical Doctor (MD)**
Semmelweis University, Budapest - Sept 1994 - Nov 2000. Awarded 1st place at National Scientific Students' Associations Conference.
- **Master of Business Administration (MBA) candidate**
Budapest University of Technology and Engineering, Budapest - Sept 2018 - Oct 2020.
Completed 3 out of 4 semesters to improve my business and financial knowledge.

Skills

- AI in Healthcare: Harvard Medical School Executive Education (2025)
- AI & Data Science: Machine Learning (Scikit-Learn) | NLP & LLM Applications | Computer Vision (medical imaging) | AI Ethics & Governance | Python, OpenAI API, crewAI
- Innovation & Agile: Design Thinking Facilitation | Innovation Sprints | User-Centered MVP Prototyping | Cross-Sectoral Co-Creation
- Domain Translation: Healthcare-Engineering Solution Design | Stakeholder Alignment (Clinicians, Engineers, Startups) | Business Case Development
- Technical: AWS Cloud | LlamaIndex | Serverless AI Architectures (Bedrock)
- Leadership: Cross-Functional Team | Strategic Scaling | Intrapreneurship
- Agile Software Development: Scaled Agile Framework (SAFe), Jira, Confluence, scrum

Language Skills

English: Professional working proficiency

German: Basic, but actively working on improving it

Hungarian: Native

Publications

My initial research interests were focused on Type 1 diabetes mellitus, genetic databases and biobanks. My technical skills enabled me to develop biobanking applications in Hungary.

Publications available at: <https://orcid.org/0000-0002-4962-1428>