

Hagai Rettig

AI Product Leader | LLM & ML Infrastructure

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Experienced AI product and development leader specializing in spearheading end-to-end AI infrastructure and LLM projects. Proven ability to define product vision and roadmaps for AI solutions, translate complex business needs into scalable technological solutions, and lead cross-functional teams of engineers, data scientists, and researchers. Expertise in building systems for unstructured data analysis, implementing advanced AI models (including Generative AI), and managing complex data infrastructures in Big Data environments. Adept at bridging deep technological capabilities with clear business value.

EXPERIENCE

Managing AI & Big Data Software Development

Maccabi Health Services | 2023 – Present

- Co-led the vision, strategy, and end-to-end development of AI solutions and machine learning infrastructure, including Generative AI-based systems, managing teams of Data Scientists, Data Engineers, and QA.
- Defined and managed the AI infrastructure roadmap, collaborating closely with the CIO and senior management to drive strategic projects in infrastructure, clinical applications, and Generative AI-based apps at scale.
- Spearheaded the development and integration of cutting-edge AI models and systems for processing unstructured data, enhancing clinical decision-making and automating workflows.
- Managed and established complex, scalable data pipelines using technologies such as Kafka, Cloudera, and Kubernetes, supporting AI and Big Data solutions across the organization.
- Drove AI-powered process optimization initiatives, resulting in significant improvements in operational efficiency and reduction of manual workloads.

Lecturer, MBA Program

Ono Academic College | 2019 – Present

Director, Consulting and Data

Moore Management Consulting | 2019 – 2023

- Advised C-level stakeholders in corporates (mainly) and startups on business, technology, and marketing strategies, with a focus on growth and innovation.
- Led managers and teams in direct and matrix management models, driving the development and implementation of innovative services and products.
- Developed new data-based tools and processes, improving work processes and service delivery.

Senior Project Manager

Applied Materials | 2016 – 2019

- Advised C-level stakeholders in corporates and startups on business, technology, and marketing strategies, with a focus on growth and innovation.
- Led teams in direct and matrix management models, driving the development and implementation of innovative services and products.
- Developed new services in partnership with R&D departments, improving work processes and service delivery.

EDUCATION

M.Sc. Industrial Engineering | Technion

Thesis: Supply Chain Optimization Algorithm

B.Sc. Industrial Engineering & Management | Ariel University

Graduated with highest honors, majoring in Operations Research

SKILLS

AI/ML & LLM Ecosystem: ML tools and algorithms, Generative AI principles and models, MLOps, data pipelines, model deployment and evaluation (from leading E2E development).

Data Infrastructure & Platforms: Kafka, Cloudera, Kubernetes, Spark, Elastic (ELK) Stack.

Programming & Analytical Tools: Python, SQL, MATLAB, Java.

Product & Project Management: Agile methodologies, product roadmap definition, cross-functional team leadership, stakeholder management, MS Project.

BI & Data Visualization: Tableau, Power BI, Qlik Sense.

MILITARY SERVICE

Infantry Combat Soldier & Commander, Givati Brigade (2006–2009)

LANGUAGES

Hebrew – native · English – fluent