

Dongyoung Kim, Ph.D.

HEAD OF AI INNOVATION, CHUBB · DIRECTOR, LINA ONE

Seoul, South Korea · dongyoung.kim@me.com · [LinkedIn](#) · [dykim.dev](#)

EXECUTIVE PROFILE

Enterprise AI executive with a record of building regulated, production-grade AI across insurance and banking. Leads AI innovation for Chubb while serving as a Director at LINA One. Combines strategy, operating-model design, platforms, governance, and commercialization.

CORE CAPABILITIES | [GenAI](#) · [Agentic AI](#) · [Voice AI](#) · [MLOps](#) · [AI Governance](#) · [Enterprise AI Strategy](#) · [Financial Services](#)

CAREER HIGHLIGHTS

AI-TMR	Innovative Financial Service designation	An industry-first Korean model where AI introduces insurance products and recommends enrollment.
2024	Korea AI Awards	Grand Prize and Minister of Trade, Industry and Energy Award.
30+	Services on one AI-OCR platform	Team scaled to 16 · one paper · three patent applications.

LEADERSHIP EXPERIENCE

Head of AI Innovation / Director

[Chubb / LINA One](#) · 2025–Present

Serve as Chubb’s Head of AI Innovation and a Director at LINA One, leading AI strategy and commercialization across GenAI, agents, Voice AI, infrastructure, security, and governance.

- Own the AI portfolio across GenAI, agents, Voice AI, infrastructure, MLOps, security, risk, and compliance.
- Directed the customer journey, technical architecture, controls, and cross-functional delivery for AI-TMR.

Principal General Manager

[KB Kookmin Bank](#) · 2021–2025

Built enterprise AI platforms and banking services including KB-GPT, KB-CODER, KanBas, AI translation, and AI-OCR.

- Led a LangGraph and LLM-based RM agent including evaluation pipelines, document intelligence, and enterprise integration.
- Directed finance-domain GenAI, VLM, diffusion, and LLM initiatives together with a shared delivery platform.
- Built high-speed training infrastructure using H100 GPUs, InfiniBand, and GPU Direct Storage.
- Scaled the AI-OCR team to 16 and operated 30+ employee- and customer-facing services on one reusable platform.

Research Fellow & Research Assistant

[IBS](#) · [Texas A&M](#); · [UT Southwestern](#) · 2010–2020

Advanced AI microscopy, medical imaging, and single-molecule research resulting in publications and registered patents.

- Developed AI microscopy, high-speed 3D single-molecule imaging, diagnostics, and cell-image analysis.
- Published in Nature Biomedical Engineering, Scientific Reports, and Analytical Chemistry and contributed to registered IP.

SELECTED ENTERPRISE AI WORK

01 · AI-TMR

GenAI and Voice AI insurance sales platform

- Challenge: Enable AI to serve customers while meeting financial regulation and consumer-protection requirements.
- Leadership: Owned strategy, customer journey, technology, security, risk, compliance, and cross-functional delivery.
- System: GenAI, Voice AI, real-time monitoring, platform integration, and data protection controls.
- Impact: Built an industry-first Korean model where AI introduces products and recommends enrollment.

02 · KB-GPT

Enterprise GenAI platform for financial services

- Challenge: Capture GenAI productivity while managing model risk in banking workflows.
- Leadership: Led finance-domain LLM, shared platform, usage policy, and enterprise adoption.
- System: SFT/RLHF model, reusable prompt capabilities, and GPT Compliance Monitor.
- Impact: Created a governed foundation for employees and business teams to evaluate and apply GenAI.

03 · KB AI-OCR

Enterprise Document AI platform

- Challenge: Process diverse financial documents through a reusable shared platform.
- Leadership: Scaled and led a team of up to 16 across AI-OCR strategy, models, platform, and enterprise adoption.
- System: Hybrid GPU infrastructure on Kubernetes and AWS EKS with MLflow and Kubeflow MLOps.
- Impact: Operated more than 30 production services on a single reusable enterprise platform.

EDUCATION

Texas A&M; University · Ph.D., Biomedical/Medical Engineering · 2012–2016

The University of Texas at Dallas · B.S., Electrical and Electronics Engineering · 2010–2012

RECOGNITION

2024 · Korea AI Awards Grand Prize and Ministerial Award — GenAI innovation including KB-CODER, KanBas, and real-time AI translation.

2022 · Korea IT Service Innovation Award — KB AI-OCR enterprise Document AI platform.

2022 · Best Paper Award — Deep-learning OCR document processing platform for financial services.

2020 · ICDAR SROIE world #1 — First place in both text localization and text recognition.

2019 · Scientific Reports — AI-powered transmitted light microscopy for functional analysis of live cells.

BOARD & EXECUTIVE VALUE PROPOSITION

- Translate AI investment into a governed portfolio of measurable business outcomes.
- Build multidisciplinary teams spanning product, engineering, data science, security, risk, and compliance.
- Scale reusable platforms rather than isolated proofs of concept.
- Operate effectively where customer protection, model risk, and regulatory scrutiny are material.

SELECTED RESEARCH & IP

19 publications · 14 patents and applications

Selected publications include work in Nature Biomedical Engineering, Scientific Reports, Analytical Chemistry, IEEE Transactions on Medical Imaging, and financial Document AI.