

DongHyuk Lim

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OBJECTIVE

I define scope where none exists. Embedded with enterprise customers, I reframe the request they bring into the problem they actually have, and ship the working system — from data discovery through the workflow the end user touches.

EDUCATION

University of Inha

Mar. 2019 – Aug. 2026

Bachelor of Science in Naval Architecture & Ocean Engineering

- Relevant Coursework: Numerical Analysis, Machine Learning for Mechanics, Data Structures

EXPERIENCE

Forward Deployed Engineer (FDE) – Upflow

Mar 2026 – Present

Enterprise Data Portal : Data discovery layer over Databricks for a major Korean logistics enterprise; tier-2 delivery under the prime SI

- Reframed the request from a SQL-training problem into a data-discoverability problem, then owned planning and development of the discovery layer over a partner-maintained Databricks platform — surfacing ~350M records to non-technical operators
- Rebuilt the search-results experience end to end after early users said it was not communicating — benchmarked data-search SaaS to isolate hierarchy and filtering as the drivers of comprehension
- Designed the data-governance feature set and ran delivery as PM across the prime SI and the end customer; prototyped a natural-language Query Builder PoC on the Databricks LLM API; shipped to a 200-user pilot

~350M records surfaced
200-user pilot shipped
Search rebuilt on user evidence

Investor-Relations AI Assistant : Enterprise agentic-AI engagement; AX consulting & MCP architecture

- Clarified an ambiguous investor-facing MCP server request through investor interviews, translating unreliable LLM numerical-output pain points into 6 prioritized MCP workflows.
- Diagnosed access-control risks in the client’s service flow and implemented PKCE + Fernet-encrypted DiskStore to mitigate token theft, session leakage, and cross-company query risks.

Contributed USD 7K AX contract
Scoped 6 MCP workflows

Founder (PO) - InJob

Mar 2025 – Jan 2026

AI career-recommendation startup for university students

- Designed an OCR-based metadata pipeline from user feedback on manual curriculum input, reducing the process from 5 minutes to 30 seconds.
- Translated insights from 80+ student interviews into a curriculum-based career-recommendation algorithm, addressing career-information search inefficiency and achieving 86% PoC satisfaction.

Selected for USD 17K Korean Gov. Pre-Startup Package
Validated MVP with 200 students

Engineering & Operations – HyperLearning

Feb 2024 – Dec 2024

B2B English Question Generation AI Service : LangChain/RAG content-generation service for an enterprise customer

- Redesigned a LangChain/RAG pipeline for an enterprise customer’s “1 passage, 2 questions” requirement, helping secure a USD 40K annual B2B contract
- Improved GPT generation via prompt engineering, retrieval, caching, validation, and fallback handling, reducing latency from 15s to 8s and failure rate from 5% to 1.5%

USD 40K annual B2B contract
Cut latency 15s → 8s
Reduced failure rate 5% → 1.5%

Undergraduate Research Intern – Youngsung Kim’s AI Research Group

Aug 2023 – Dec 2023

- Researched transformer-based architectures and reviewed state-of-the-art literature in the field

AWARDS & HONORS

2023.11	Grand Award , 2023 Project Marathon Hackathon	University of Inha
	1st of 53 teams, Real-time Speech Enhancement Coach with Voice Speech Analysis AI	
2023.11	Excellence Award , Student Ship Design Contest	The Society of Naval Architects of Korea
	AFRAMAX COT design compliant with EEDI Phase 3	
2022.10	Excellence Award , Ocean Engineering CAE Contest	The Korean Society of Ocean Engineers
2023	Leadership scholar	University of Inha

LEADERSHIP & ACTIVITIES

Google for Developers

Jan. 2024 – Dec. 2024

Lead Organizer of Google Developers Group on Campus Inha

- Organized summit and workshops, fostering a community of over 200+ students
- Mentored students on product management and competitive programming techniques

Tech Talk Speaker & Business Track Mentor

Oct. 2025 – Nov. 2025

University of Inha

- Delivered AI-assisted PoC development tech talks to 50+ participants per session, covering prototype-to-deployment workflows.
- Mentored hackathon teams on technology selection and solution architecture for deployable AI PoCs.

SKILLS

Data & Platform: Databricks, Power BI, SQL, Pandas, NumPy, scikit-learn

AI Systems: LangChain, RAG, MCP, Prompt Engineering, LLM application design

Programming: Python, TypeScript, C, SQL

Languages: Korean (native), English (Business-level communication; OPIc AL), Japanese (Beginner)