

# ERDENEBAT BAYASGALAN

✉ bayasgalan.erdenebat.dev@gmail.com

☎ +82-010-3260-1091

in [linkedin.com/in/bayasgalan-erdenebat](https://www.linkedin.com/in/bayasgalan-erdenebat)

🌐 <https://bayasgalan.dev>

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## Summary

**AI & RAG Systems:** Built RAG pipelines with document ingestion, embeddings, and vector search.

**Backend Engineering:** Developed scalable APIs and async processing systems using Node.js and TypeScript.

**Cloud Architecture:** Currently learning cloud fundamentals with hands-on practice in AWS and Linux.

**Problem Solving:** Interested in building reliable systems with strong focus on logging and error handling.

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## Education

Hanyang University ERICA

Ansan-si, Korea

B.S. in Computer Science

03/2023 - Present

Advisor: [Kim, Jungsun](#)

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## Experience

### RAG-based Question Answering System (Graduation Project)

- Built a RAG pipeline for document-based Q&A
- Designed backend APIs and async task processing
- Applied embeddings and vector DB for semantic retrieval

### Frontend Developer — Pet Loss Support App (Team Project)

- Developed a cross-platform mobile app using Flutter
  - Designed responsive UI and navigation for user-friendly experience
  - Collaborated with team to integrate frontend with backend services
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## Honors and Awards

Grand Prize – 2025 ERICA Software-UP! SW Startup Makeathon

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## Language Proficiency

Native speaker of Mongolian

Professional in Korean with an TOPIK level of 6/6

Advanced in English with an IELTS score of 6.5/9