

이건학.

kknaks · 백엔드 엔지니어 · 서울, 대한민국

각 프로젝트는 문제·접근·임팩트·배운 점·트러블 로그 순으로 정리되어 있습니다.

email kknaks@gmail.com github github.com/kknaks

02 / kknaks_profile **kknaks.dev** • wip 2026

포트폴리오 사이트 — 페르소나 시스템 (md SoT) + 자동 enrich 잡 (open-kknaks dogfooding)

Next.js React FastAPI Python open-kknaks Redis APScheduler Docker

05 / language_diary **Language Diary** • wip 2026

와 음성 대화로 일기를 만들고 영어 학습 포인트를 제공하는 모바일 앱

FastAPI React Native Expo Postgres Redis WebSocket OpenAI ElevenLabs Docker

04 / open_kknaks **open-kknaks** • live 2026

Python 기반 Claude Code CLI 태스크 큐 라이브러리 + MCP 서버

Python Redis MCP Pydantic Typer structlog

06 / persona_counselor **Persona Counselor** • wip 2026

책 받은 책·인물·철학으로 AI 상담사 페르소나를 만들고 실시간 대화하는 앱

FastAPI React Native Expo Next.js Postgres pgvector Redis LangGraph LangChain OpenAI Taskiq Docker

P-02 **kknaks.dev** WIP

P-05 **Language Diary** WIP

P-04 **open-kknaks** Live

P-06 **Persona Counselor** WIP

P-10 **Study Timelapse** WIP

P-03 **Wine Log** Live

하는 모습을 카메라로 녹화 → 자동 타임랩스 영상 생성. iOS 앱 (Expo + native AVFoundation) + FastAPI 백엔드.

React Native Expo TypeScript FastAPI Python Postgres FFmpeg AVFoundation

kknaks.dev

portfolio · kknaks

2026 · K0

PORTFOLIO · 한국어

연혁 · kknaks

kknaks@gmail.com
github.com/kknaks

기록·관리 모바일 앱 + 관리자 웹 + AI 라벨 분석 서버

FastAPI React Native Expo Next.js Postgres pgvector LangGraph Dramatiq Redis Docker

kknaks.dev

portfolio · kknaks

2026 · K0

kkeon-hak Lee.

kknaks · Backend Engineer · Seoul, KR

Each project is organized as problem · approach · impact · learnings · trouble log.

email kknaks@gmail.com github github.com/kknaks

o · EN · cover

PORTFOLIO · ENGLISH

keon-hak Lee · kknaks

kknaks@gmail.com
github.com/kknaks

02 / kknaks_profile **kknaks.dev** • wip 2026

My portfolio — persona system (md SoT) + auto-enrich jobs (open-kknaks dogfooding)

[Next.js](#) [React](#) [FastAPI](#) [Python](#) [open-kknaks](#) [Redis](#) [APScheduler](#) [Docker](#)

05 / language_diary **Language Diary** • wip 2026

AI voice-conversation diary app that auto-generates English entries and surfaces learning points

[FastAPI](#) [React Native](#) [Expo](#) [Postgres](#) [Redis](#) [WebSocket](#) [OpenAI](#) [ElevenLabs](#) [Docker](#)

04 / open_kknaks **open-kknaks** • live 2026

Python-based task queue library for Claude Code CLI, with MCP server

[Python](#) [Redis](#) [MCP](#) [Pydantic](#) [Typer](#) [structlog](#)

06 / persona_counselor **Persona Counselor** • wip 2026

Build a personalized AI counselor from books/people/philosophy that influenced you, then chat live

[FastAPI](#) [React Native](#) [Expo](#) [Next.js](#) [Postgres](#) [pgvector](#) [Redis](#) [LangGraph](#) [LangChain](#) [OpenAI](#) [Taskiq](#) [Docker](#)

10 / study_timelapse **Study Timelapse** • wip 2026

Record studying with the camera → auto-generate timelapse. iOS app (Expo + native AVFoundation) + FastAPI backend.

[React Native](#) [Expo](#) [TypeScript](#) [FastAPI](#) [Python](#) [Postgres](#) [FFmpeg](#) [AVFoundation](#)

kknaks.dev

portfolio · kknaks

o · EN

P-05	Language Diary	WIP
P-04	open-kknaks	Live
P-06	Persona Counselor	WIP
P-10	Study Timelapse	WIP
P-03	Wine Log	Live

Wine Log

• live

the logging mobile app with admin web & AI label-analysis server

- FastAPI
- React Native
- Expo
- Next.js
- Postgres
- pgvector
- LangGraph
- Dramatiq
- Redis
- Docker