Taek Lim

tio.taek.lim@gmail.com
github.com/tradelunch
linkedin.com/in/tiotaeklim
my.prettylog.com

(+1) 660-238-5036
English, Korean (Native)
Warrensburg, MO, United States

EDUCATION

University of Central Missouri   **Warrensburg, MO**
M.S. Computer Science: Operating Systems, Networks, Algorithms, Data Structures, AI   *May 2026*

Georgia Institute of Technology   **Atlanta, GA**
M.S. Computer Science   *May 2026*

University of California, Los Angeles   **Los Angeles, CA**
B.S. Mathematics-Economics   *Mar 2013*

TECHNICAL SKILLS

Computer Languages	Javascript, Typescript, Java, C, C++, Python, Shell script, HTML5, CSS3
Framework & Lib	React, React Native, Redux, React Query, Jotai, Vue, RxJS, Spring, jUnit, REST, GraphQL
Databases	MySQL, PostgreSQL, Redis, Elastic Saerch
Tools	Linux, Git, Docker, Jenkins, Gradle, Maven, Webpack, Babel, ESLint, NPM, Yarn, Github Actions, AWS, Azure, Oracle cloud

WORK EXPERIENCE

ADRIEL, Frontend Engineer   **Seoul, South Korea, Nov 2021–May 2024**
- Led the migration of the dashboard service from Vue to **React** with **Next.js**, optimizing performance, reducing frontend loading time by 50%, and contributing to tech stack evaluation for improved scalability and maintainability.
- Revamped state management by migrating from **VueX** to **React** with **Jotai** while integrating **React Query**, improving state predictability, performance, and API fetching efficiency.
- Developed a PDF export feature with landscape/portrait support for customizable dashboard reports using **React**, including layout-converting algorithms and comprehensive unit tests.
- Engineered a highly efficient editable dashboard snapshot system using **RxJS**, reducing storage requirements by 90%.
- Built an interactive text editor widget utilizing the WYSIWYG **Quill** library for enhanced user content creation.
- Led the development of a cross-platform **React Native** application, improving user experience through efficient screen flows, deep linking, and streamlined webpack configurations.
- Enhanced documentation of frontend setup, business logic, and terminology using Notion and **Figma**, reducing technical assistance time by 50% and supporting both developers and non-developers.

DIV, Software Engineer   **Jeju, South Korea, May 2021–Oct 2021**
- Led frontend and backend development for a new flight ticket reservation system using **JavaScript**, **PHP**, **Twig**, **Slim2**, and **jQuery**, reduced brokerage fee by 20%
- Implemented a hotel reservation system by integrating Expedia's hotel reservation API on a cross-platform application (web /iOS /Android) using **Javascript** and **Framework7**, increased revenue by 5%

BABELTOP, Software Engineer   **Seoul, Korea, July 2019 – Nov 2019**
- Led a translator approval process and renewed login/join using **Javascript**, **React**, **Redux**, **Redux-saga**

RECOBELL, Software Engineer   **Seoul, South Korea, Feb 2018–July 2019**
- Engineered and optimized a cloud-based recommendation system using Java, Spring, SQL, Message Queue and AWS, processing 500 million user logs monthly from web and mobile services.
- Maintained a JavaScript-based logger SDK, AWS Kinesis data collector, SQL-driven recommendation engine, and API server.
- Developed APIs for a keyword-based book recommendation service using Java, Spring Boot, MySQL, MyBatis, AWS, Shell scripting, and jQuery, extracting insights from book metadata and user logs with Eunjeon morphism analysis to enhance search relevance and recommendation accuracy.

CERTIFICATION/LICENSE/ETC

SQL Developer Certificate, Korea Data Agency	July 7, 2023
AlgoExpert, Certificate of Completion 100 questions, AlgoExpert	Oct 2, 2022
Seoul National University Big Data Academy AI Workshop, SNU	2019, 2018
CS Engineer Information Processing License, HRDK	Nov 16, 2018
Java, Spring web development boot camp, KITRI	Mar 2017–August 2017