Myeonggyu Choi

mygy.choi@gmail.com; Seoul, South Korea

Skills

- GraphQL API Design and Backend Implementation
- Python and ASGI/WSGI Frameworks
- Relational Database Schema Design and Persistence Layer Integration

Work Experience

Backend Engineer, Tridge, Seoul; Aug 2022 - Present

- Assistant Manager, Backend Department; Feb 2024 - Present
- Associate, Backend Department; Aug 2022 - Jan 2024

OAuth2.0-compliant SSO System

- Built an OAuth2.0-compliant SSO backend at accounts.tridge.com, while extending the IETF-RFC6749 specification
- Designed and implemented 'Global/Local Session & User' authentication scheme to support multi-domain product ecosystem
- Implemented authorization server using Python ASGI protocol with modern typing practices and high test coverage
- Led engineer-driven project from planning to development and release

International B2B Agriculture Marketplace

- Developed GraphQL backend at www.tridge.com, serving 177K MAU and processing over 100M monthly requests
- Designed database schemas and GraphQL APIs, and implemented business logic across various domains of a global B2B agriculture marketplace, including:
  - Commerce: Buyer/Seller, Demand/Supply, RFQ/Quotation, Rule-based Recommendation
  - Accounts: User/Role/Company/Organization
  - Payment & Entitlement: Plan/Subscription/Purchase/Invoice, Product/Feature/Entitlement
  - Social Media: Post/Comment/Like/Follow
- Implemented and improved core components including Pagination, Dataloading, Access Control (RBAC/ABAC/OBAC), and Full-text Search
- Contributed to optimizing GraphQL resolving performance with dataloader and look-ahead techniques
- Introduced a layered service architecture to centralize business logic and data access into a single, maintainable source

Sergeant, The Republic of Korea Army; Jan 2019 - Aug 2020

- Served and discharged from military service in compliance with Korean conscription law

Education

Bachelor of Engineering, Kyung Hee University; Mar 2017 - Feb 2023

- Graduated with a degree in Software Convergence

- Achieved an overall GPA of 3.5/4.5 (90%)

Achievements

Restaurant Guide for Unvaccinated, Independent; Dec 2021 - Jan 2022

- Shipped restaurant guide service for unvaccinated individuals during the COVID-19 pandemic
- Achieved remarkable user engagement metrics: 110K unique visitors, 3K peak concurrent users, and 1M page views within a two-week period
- Featured in major Korean media outlets including JoongAng Ilbo, Dong-a Ilbo, SBS, Chosun Ilbo, and others
- Implemented using Django full-stack with PostgreSQL, deploying the application through Heroku
- Solely developed entire project encompassing planning, design, development, marketing, and more
- Source code available upon request

Additional Information

- Languages: Korean (native), English (reading: advanced, writing: intermediate, speaking: basic)
- Other programming language experience: Rust (learning), C (basic)
- Other Contacts: GitHub, LinkedIn, Phone available upon request