Myeonggyu Choi

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

1. Skills

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

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2. Work Experience

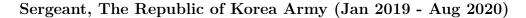### Backend Engineer, Tridge, Seoul (Aug 2022 - Present)

- Assistant Manager, Application Part - Backend Department (Feb 2024 - Present)
- Associate, Application Part - Backend Department (Aug 2022 - Jan 2024)

OAuth2.0-compliant SSO System (*accounts.tridge.com*)

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

International B2B Agriculture Marketplace (*www.tridge.com*)

- Developed GraphQL backend, serving 177K MAU and handling over 100M monthly requests
- Designed database schemas and GraphQL APIs, and implemented business logic across various domains of a global B2B agriculture marketplace:
  - B2B Marketplace: Buyer/Seller, Demand/Supply, RFQ/Quotation, Interest/Recommendation
  - Accounts: User/Role/Company/Organization, Session/Token
  - Payment: Plan/Subscription/Purchase/Invoice, Product/Feature/Entitlement
  - Social Media: Post/Comment/Like/Follow
- Built and maintained backoffice admin APIs to support internal operations
- Implemented and enhanced core systems, including Pagination, Data Loading, Access Control (RBAC/ABAC/OBAC), and Full-text Search Integration
- Optimized GraphQL resolving performance using data loader, look-ahead and Django ORM auto-yanking 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)

- Completed mandatory military service as per Korean conscription law

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3. 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%)

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4. Achievements

Restaurant Guide for Unvaccinated, Independent (Dec 2021 - Jan 2022)

- Developed and launched a restaurant guide service for unvaccinated individuals during the COVID-19 pandemic
- Achieved strong 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 as a full-stack framework with PostgreSQL for the database
- Deployed the application through Heroku
- Solely developed the project including planning, design, development, marketing, and more
- Source code available upon request

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5. Additional Information

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