Myeonggyu Choi

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

Skills

- GraphQL API design and backend implementation
- Python and its WSGI/ASGI frameworks
- Relational database design and persistence layer integration

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

- Built OAuth2.0-compliant SSO backend on accounts.tridge.com while extending IETF-RFC6749 specification
- Designed and implemented "Global/Local Session & Profile" authentication scheme to support multi-domain microservice architecture
- Implemented authorization server using Python ASGI protocol with high test coverage
- Led project management, development process, and release

International B2B Marketplace Platform

- Developed GraphQL backend for international B2B marketplace at www.tridge.com
- Designed database schema and GraphQL API, implemented business logic in B2B marketplace domains:
    - Commerce: Buyer/Seller, Demand/Supply, RFQ/Quotes
    - Accounts: User/Role/Company/Department
    - Payment: Plan/Subscription/Invoice
    - Entitlement: Access/Quota, Product/Feature
- Implemented and improved core components including pagination, data loading, access control(RBAC/ABAC/OBAC), full-text search, and rule-based recommendations
- 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 source

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

- Fulfilled mandatory military service, honorably discharged in accordance with Korean conscription law

Education

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

- Graduated in Software Convergence with overall GPA of 3.5/4.5(90%)

Achievements

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

- Sole developer of restaurant guide product for unvaccinated individuals during the COVID-19 pandemic
- Implemented using Django full-stack with PostgreSQL and deployed to Heroku
- Recorded significant user engagement with 110K unique visitors, 3K peak concurrent users, and 1M page views within 2 weeks
- Featured in major Korean media outlets including: JoongAng Ilbo, Dong-a Ilbo, SBS, Chosun Ilbo, and more
- Managed entire project lifecycle including planning, design, development, deployment, and marketing
- Source code available upon request

Additional Information

- Other programming language experience: Rust(learning), C(basic)
- Languages: Korean(native), English(read: advanced, write: intermediate, speak: basic)
- Other Contacts: GitHub, LinkedIn, and Phone available upon request