KUNHEE HA

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SUMMARY

Bilingual developer with two years of experience specialising in backend development, with prior freelance experience in technical writing and translation. Native Korean speaker with fluency in English as shown by having completed an undergraduate degree as well as postgraduate modules in two Russell Group universities in the UK. Extensive experience in technical writing, including drafting specifications and documentation for projects in the current role. Eager to leverage expertise in writing, translation, and technical development to contribute to AI model training and content creation projects.

EXPERIENCE

Backend Engineer

Bloom ⧉   📅 09/2023 – Present

a fintech company that provides a digitised ROSCA as a service.

- Developed a robust gRPC backend in Go to seamlessly pull and encrypt customers' open banking data, ensuring security and privacy
- Designed and implemented database schemas using GORM (ORM library for Go) for efficient storage and retrieval of customers' financial data
- Implemented encryption protocols using public-key cryptography for sensitive transactions data, with key rotations for enhanced security
- Collaborated with the data team to integrate the backend with a model for in-house credit/trust score calculation
- Utilised CockroachDB (PostgreSQL compatible) for efficient storage and retrieval of hydrated data objects, optimising performance and scalability

Junior Developer

Juno ⧉   📅 10/2021 – 12/2022

a legal technology company that automates legal processes involved in conveyancing.

- Collaborated with legal teams to design, develop and implement automation solutions on the in-house app built on Python backend, reducing conveyancing time by eight weeks compared to national average
- Developed internal tool in Python, utilising SQLAlchemy and OCR for parsing legal documents, designed and implemented the database schema and data hydration processes to store extracted information in a PostgreSQL database, facilitating subsequent analysis and retrieval
- Successfully integrated bespoke workflows for two new company clients and a mortgage lender, helping establish key partnerships and expanding the platform's capabilities

EDUCATION

PGCert Computer Science and Artificial Intelligence

University of York   Awarded 2023

- Achieved a mark of 91% in algorithms and data structures exam, demonstrating a strong understanding of core concepts
- Demonstrated proficiency in Java through comprehensive coursework

BSc Biochemistry (Hons.)

University of Birmingham   Graduated 2019

- Developed expertise in data interpretation using R, enabling effective statistical analysis and data visualisation
- Conducted multiple laboratory projects in which novel data was collected and interpreted with R

WRITING EXPERIENCE

Writer and Translator (Freelance)

Cana Catering Co. ⧉   📅 09/2019 – 11/2019

a global company that provides catering and accommodation for overseas workers at construction sites.

- Authored the technical proposal for a joint project with Daewoo Group, Chiyoda Corp., and Technip S.A., showcasing strong communication and writing skills
- Translated project documents from Korean to English, ensuring accurate and effective communication across diverse teams

TECHNICAL SKILLS

Languages

Go   Python   Java   Javascript   Bash

Database and Cache Management

SQLAlchemy   Alembic   GORM
Redis   PostgesSQL   SQLite

DevOps/Deployment

Docker   Kubernetes   AWS EC2   NGINX
Apache   Gunicorn

Frameworks

Flask   Django

Markup/Stylesheet

HTML   CSS   LaTeX   Markdown

LANGUAGES

Korean

NATIVE

English

FLUENT