

Yoonhee Cho

Senior Software Architect & DevOps Engineer

Seoul, South Korea

Email: yhcho007@naver.com | GitHub: <https://github.com/yhcho007/Yolietier>

Languages: Korean (Native), English (Professional)

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## PROFESSIONAL SUMMARY

Seasoned software engineer and architect with 25+ years of diverse experience in software development, DevOps, enterprise architecture, and AI/ML engineering. Proven ability to lead complex projects, design scalable systems, and deliver mission-critical solutions across industries including finance, telecommunications, and manufacturing. Skilled in cloud platforms (AWS, GCP), CI/CD pipelines, data analytics, and cross-functional team leadership.

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## TECHNICAL SKILLS

- Languages: Java, Python, C, Shell Script, SQL
- Cloud & DevOps: AWS (EC2, S3, EKS), GCP (BigQuery), Jenkins, GitLab, Docker, Kubernetes, Helm, OpenShift, SonarQube, Nexus
- Frameworks/Platforms: Spring Boot, WebSquare5, U-Engine BPM, TensorFlow, PyTorch, scikit-learn
- Databases: Oracle, MariaDB, BigQuery, SQL Server
- Monitoring & Tools: WhaTap, JIRA, OZ Scheduler/Form, Redis, Celery
- OS Expertise: Linux, Windows, IBM-AIX, HP-UX

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## PROFESSIONAL EXPERIENCE

Nurikumsoft Seoul, South Korea

Development Manager / Architect

May 2023 Present

- Led architecture design and implementation for Hana Bank's EDMS and Smart Branch system (Linux IaaS)
- Managed DevOps pipeline including Jenkins, SonarQube, Docker, Helm, OpenShift, AWS EKS
- Designed solution architecture and deployment processes for enterprise platforms

CSLee Co., Ltd. Seoul, South Korea

Architect / Consultant

Jan 2023 Apr 2023

- Led architecture design and deployment of EDMS and Smart Branch systems
- Oversaw configuration of multiple enterprise content/document tools: Xtorm, WebSquare5, OZeform, and TSAGW

Clawflake Seoul, South Korea

Smart Services Team Lead

Dec 2021 Jan 2023

- Built ML pipelines using GCP BigQuery, Python, and pandas for LG Electronics
- Deployed data collection modules on AWS EC2 with Anaconda environment and managed S3 pipelines

WideTNS Seoul, South Korea

AI/ML Engineer / Big Data Architect

Apr 2021 Dec 2021

- Designed Global CDP Access Portal for LG Electronics using Java, Spring Boot, Airflow, and GCP

Nurikumsoft (Freelancer) Seoul, South Korea

AI/ML Engineer

Jan 2021 Mar 2021

- Developed ML model training and inference systems for DAP Vision & NLU platforms (TensorFlow, PyTorch, Flask, Celery)
- Deployed GPU/CPU/Edge TPU inference services using Docker on Ubuntu & Windows

Gemtek Seoul, South Korea

Embedded & GUI Developer (Freelancer)

Jul 2013 Sep 2017

- Developed GUI-based telecom simulation tools using Java, Python, and C

Dionet, KSIGN, Genesys, DKI Tech, NetBrain, Daewoo Telecom, Gawoori

Various Engineering Roles (1997 2013)

- Roles ranged from encryption engine development, embedded system design, to OSS/NMS integration
- Focused on telecom systems, database security, protocol engineering, and GUI apps

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## EDUCATION

Bachelors Degree in Computer Engineering

(University name omitted for Upwork version)

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## CERTIFICATIONS & TRAINING

- TensorFlow & PyTorch Certification (Internal Training)
- AWS Cloud Deployment Fundamentals
- Jenkins, CI/CD & Docker Automation

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## KEY PROJECT HIGHLIGHTS

- Hana Bank Project ONE Architected Smart Branch solution; managed EDMS & Smart UI tools
- LG Electronics IoT AI Pipeline Built ML pipeline, inference, and monitoring system across GCP and AWS
- LG CNS DAP Vision & NLU Designed and deployed scalable ML training & serving pipelines

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## AVAILABILITY

Open to long-term, part-time or full-time remote contracts.

Timezone: KST (UTC+9) | Flexible overlap with global teams

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## REFERENCES

Available upon request.

