

TOGTOKHBAYAR "TOGI" GENDENSUREN

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SOFTWARE ENGINEER

Certified AWS Solutions Architect and experienced Software Engineer with 6 years of experience developing, deploying, and optimizing highly performant and efficient applications primarily Java and Spring Boot. Strong background in leading migration projects and establishing CI/CD pipelines, ensuring system security, and driving innovation across multinational projects. Proficient in different technologies and tools like Ansible, Docker and Jenkins.

Object Oriented Programming • CI/CD • Database Design • Load Testing • Containerization
Design Patterns • Microservices • Algorithms • DevOps

Languages: Java

Web: HTML, CSS3, ThymeLeaf

Web Services: REST

Web/App Servers: Apache Tomcat, Nginx

Frameworks: Spring Boot, Spring Framework, Spring Batch, Spring Security, Ansible, Hibernate, JUnit, Mockito

Databases: MySQL, PostgreSQL, MongoDB, AWS DynamoDB

Design Patterns: Command, State, Strategy, Template, Observer, Composite, Proxy pattern, Adapter pattern, Mediator pattern, Factory pattern, Builder pattern, Singleton pattern, Decorator, Visitor pattern

SDLC: Scrum, Agile, Waterfall

Tools: Gradle, IntelliJ, Eclipse, Gatling, Rundeck, Jenkins, Redis, Docker, Unix Bash, Git, Teams, JIRA, Selenium, Lombok

Platforms: Windows, Linux, MacOS, AWS

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

RAKUTEN GROUP CO LTD., Tokyo, Japan • 01/2019 – 04/2024

Global scale IT Business Solution Group Company.

Software Engineer

Full Stack Engineer

- Led the development and maintenance of Japan's largest e-commerce platform's billing system using Java and Spring Boot, ensuring seamless operations and timely updates.
- Spearheaded the migration project from Salesforce to an in-house solution, designing and developing 68 essential batch jobs with Spring Batch and MySQL, reducing operational times by 90% and shifting roles and responsibilities.
- Managed Rakuten's billing system development and upkeep using Thymeleaf and Apache Tomcat, ensuring prompt issuance and distribution of billing statements to merchants, enhancing operational efficiency.
- Developed strategic improvements in batch job development utilizing Jenkins, resulting in a 90% reduction in operational times and better compliance with regulations.
- Utilized Kubernetes and SRE engineering practices to optimize system reliability and performance, increasing uptime from 99.97% to 99.9999%.
- Directed operational teams over 2-3 years, handling troubleshooting scenarios and high-level operational planning using JIRA, significantly improving problem resolution capabilities.

Technologies Used: Java, Spring Boot, Spring Batch, Thymeleaf, MySQL, Jenkins, Unix, Apache Tomcat, Gatling, Redis, Kubernetes, Nginx, JIRA

FKC Inc Co Ltd., Shizuoka, Japan • 08/2017 – 12/2018

Consulting company based in Japan.

Software Engineer

Java developer

- Worked on-site with large-scale enterprise customers in Japan, leveraging Java to gain valuable experience and insights into their specific needs and requirements.

- Developed a vehicle maintenance and inventory management system for post-sale services using Spring Boot and MySQL, enhancing service efficiency and customer satisfaction.
- Designed a central control system for heavy agriculture vehicles with PostgreSQL, improving operational control and vehicle performance.
- Built an order and inventory management CMS with ReactJS, tailored for efficient control and oversight of inventory and orders, reducing inventory errors by 40%.
- Implemented a Central News Distribution System using REST APIs to streamline the collection, distribution, and management of news content, resulting in a 50% increase in distribution efficiency.
- Led the development of customized solutions for enterprise clients, ensuring their specific requirements were met using JUnit, improving client satisfaction and retention.

Technologies Used: *Java, Spring Boot, PostgreSQL, MySQL, ReactJS, REST APIs, JUnit*

ACADEMIC PROJECTS

Maharishi International University (2024) Accentral: Developed a robust banking desktop web application leveraging the power of Spring, JPA, design patterns, and Kubernetes. This innovative solution is designed to provide a seamless and secure banking experience for users while ensuring high scalability and maintainability. Designed the system to use full advantage of AWS features. Utilized Java, Spring Boot, JPA, MySQL, Apache Kafka, AWS Lambda, AWS API Gateway

Maharishi International University (2024) Rentwy: Designed and developed a rent stock distribution system using Spring Boot, Java, AWS DynamoDB, AWS Lambda, AWS Fargate, and various design patterns. The system efficiently manages rental inventory, processes orders, and schedules deliveries. It leverages cloud technologies to ensure scalability and reliability. Utilized Java, Spring Boot, JPA, MySQL, Apache Kafka, AWS Lambda, AWS API Gateway

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 11/2026)

Maharishi International University, Fairfield, Iowa

Key Courses: Enterprise Architecture, Advanced Software Development, Web Application Programming, Database Management System

Bachelor of Science in Information Technology

National University of Mongolia, Ulaanbaatar, Mongolia 06/2014

CERTIFICATIONS

AWS Certified Solutions Architect – Associate

https://www.credly.com/badges/37ca3da5-b988-4854-bde7-f37cc8e1b74b/public_url

AWS Certified Cloud Practitioner

https://www.credly.com/badges/2aaa7bf8-535c-461e-b74d-4c92442cf461/public_url

Certified Scrum Master

https://drive.google.com/file/d/1aV2pHLx2ai_qEGFdVjik8OHcWC-rmsF_/view?usp=sharing

Certified Scrum Product Owner

<https://drive.google.com/file/d/1A62A9KePbNRKKnfiX4vEbltbhWayqUeE/view?usp=sharing>