

OCHIRTULGA (OCHI) NAMJIM

Software Engineer

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Passionate Software Engineer with over 6 years of experience delivering impactful solutions across diverse industries. Successfully introduced innovative systems that significantly shaped company growth and future strategies, including licensing cost reduction by 50 percent. Handled transition and migration of systems and datasets seamlessly. Designed systems and data models that handle millions of requests, processing complex datasets, and driving business success through tailored technical solutions.

SKILLS

- **Languages:** Java, Python
- **Framework:** Spring, FastAPI, Express
- **Tools:** Docker, Kafka, Spark, Git, Jira, Postman
- **Operating Systems:** Linux, Ubuntu, Redhat, Windows
- **Cloud Technologies:** AWS services
- **Databases and Storage:** Oracle, PostgreSQL, Cassandra, Hadoop, MongoDB

PROFESSIONAL EXPERIENCE

Software Engineer III at Thermo Fisher Scientific

Jul 2022 – Mar 2025

- Improved internal search endpoint performance by 50 percent resulting in improved user experience
- Designed and implemented an internal UAM system that resulted in centralized and easy access control between internal service-to-service and user-to-service
- Developed middleware applications to facilitate seamless integration with existing endpoints, enabling smooth adoption of Python for future development and integration efforts
- Improved the data serialization and validation for Python projects by implementing Pydantic models
- Developed scalable, secure, and highly performing Spring endpoints that fulfill all customer requirements
- Improved the pipeline code base's adjustability and reusability by implementing JAXB classes
- Integrated pipelines with the same purposes, using a central pipeline initiation script, resulted in a human error reduction of 70 percent

Data Engineer at KHAN Bank

Feb 2018 – Sep 2021

- Led the project to introduce the first distributed platform in the company, which includes transactional, analytics, and historical layers, resulting in a 50 percent reduction in licensing costs and enabling significant future opportunities
- Created a customer behavioral scoring system using Hadoop and Spark, which reduced the loan decision-making duration from 3 days to 3 hours
- Created a centralized data lake, leading to improvements in performance and fault tolerance of historical data pipelines
- Enabled data-driven decision-making opportunities by introducing a new distributed platform
- Rebuilt the customer-facing system on the distributed platform, decreased downtime by 90 percent
- Organized multiple training sessions for the development team, and the continuous support resulted in a seamless transition to the distributed platform

EDUCATION

- **Master**, Maharishi International University, Fairfield, Iowa, USA *Oct 2021 – Dec 2023*
- **Bachelor**, Mongolian University of Science and Technology, Mongolia *Sep 2014 – Jun 2018*

CERTIFICATIONS

- **AWS Cloud Practitioner** *Apr, 2025*
- **COBIT 2019 Foundation** *ISACA, Dec 2019*
- **Apache Cassandra 3. x Developer Associate** *DataStax, Apr 2019*