

Ochirtulga (Ochi) Namjim

Backend Developer | Software Engineer

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SUMMARY

Experienced Software Engineer with 7 years of experience building, optimizing, and maintaining scalable backend and full-stack systems. Skilled in Java and Python, with hands-on experience in RESTful APIs, server-side logic, and databases across both SQL and NoSQL. Comfortable working in Linux-based systems and experienced with CI/CD pipelines, version control, and infrastructure fundamentals. Proactive, curious, and collaborative—eager to learn from others, contribute to cross-functional teams, and translate product requirements into robust technical solutions. Takes ownership, communicates clearly, and consistently seeks out opportunities for technical and product improvement.

SKILLS

Java, Python, JavaScript, TypeScript, SQL, HTML
Spring Boot, FastAPI, Express, Angular, React, ORM
Oracle, PostgreSQL, Data Structures, SQL, Cassandra
CockroachDB, MongoDB, NoSQL, JSON, RESTful API

AWS services, Docker, Kubernetes, Jenkins, Rest Assured
Hadoop, Spark, Kafka, Redis, Agile, Scrum, Git, Jira
Design principles, Linux, Shell Script, Automation, Swagger
Grafana, Maven, Gradle, ITSM, CI/CD, SQL Alchemy

EXPERIENCES

Thermo Fisher Scientific

Jul 2022 - Mar 2025

Software Engineer III | Data & Products

Austin, TX

- Designed and implemented a User Access Management system using Spring, React.js, enabling secure centralized access control of internal services and users, resulting in faster internal system integration
- Developed scalable microservices, achieving 100% stakeholder satisfaction, reaching every yearly performance target
- Built middleware to integrate existing endpoints with new Python endpoints, resulting in seamless Python adoption and successful delivery of new endpoints using Python
- Improved internal search endpoint by eliminating logic issues, introducing cache, and asynchronous requests, resulting in a response time accelerated 7.5x and a smoother customer experience
- Implemented a real-time event handling architecture for internal services and customer events, enhancing system responsiveness and user interaction

Khan Bank

Feb 2018 - Sep 2021

Software Engineer | Data Platform

Ulaanbaatar, Mongolia

- Developed Customer Behavioral Scoring (same as FICA score) system using Java, React.js, PySpark, Hadoop, and Cassandra, accelerating loan decision-making time from 3 days to 3 hours, increasing loan approval rate
- Automated DB access and password expiration notification using Ansible and shell scripts resulted in saving 260+ hrs/dev per year
- Migrated legacy systems into microservice architecture using Spring, React.js, and Cassandra, increasing availability up to 99.99%
- Served as lead reviewer for all Cassandra data models, ensuring reliability and optimal design; contributed to zero production issues during my tenure.
- Led the implementation of a 3-layer distributed data platform, reducing licensing costs by 50% and enabling advanced data analytics capabilities and increased availability of microservices
- Conducted over 3 training sessions for developers and data workers on distributed microservice and analytics best practices, resulting in a smooth transition to the distributed platform with a 100% delivery rate within deadlines
- Built ETL pipelines that enrich the data lake, serve data for customer-facing systems, and enable other teams to create impactful metrics for stakeholders

EDUCATIONS

Maharishi International University, Fairfield, IA USA - GPA: 3.59

Oct 2021 – Dec 2023

Mongolian University of Science and Technology, Ulaanbaatar, Mongolia - GPA: 3.64

Sep 2014 – Jun 2018

CERTIFICATIONS

AWS Cloud Practitioner: AWS

Apr 2025 - Apr 2028

Apache Cassandra 3.x Developer Associate: DataStax

Apr 2019

COBIT Foundation: ISACA

Dec 2019