

DAVAASUREN ORGODOL

Fairfield, Iowa 52557 • +1-206-251-1071 • davaasuren.orgodol97@gmail.com
[linkedin.com/in/davaasuren-orgodol-b9866929b](https://www.linkedin.com/in/davaasuren-orgodol-b9866929b)

SOFTWARE ENGINEER

AWS certified Software Engineer with over 5 years of professional experience in designing, implementing, and integrating highly scalable Microservices architecture applications using Java and Spring Boot, specifically in the commercial banking sector. Expertise in third-party integrations, adept at orchestrating seamless connections between disparate technologies to streamline processes and enhance operational efficiency. Proficient in backend development technologies like JavaScript, React, GitLab, Gradle, Apache Kafka, and JUnit.

SOLID • Object Oriented Programming • Microservices • Event Driven Design
Database Development • Agile • Scrum • CI/CD • Web Services • Message Queues

Skills

Languages: Java, JavaScript

Web: React, Next.js, NodeJS, HTML, HTML5, CSS, Bootstrap, XML, Ajax, jQuery, JSP

Web Services: REST, SOAP, JSON, XML

Web/App Servers: Apache Tomcat, NGINX

Frameworks: Spring, Spring Boot, Hibernate, JPA

Databases: Oracle, MySQL, MS SQL, MongoDB, PostgreSQL

Design Patterns: Singleton, Factory, Prototype, Facade, State, Strategy, Observer

SDLC: Agile, Scrum, TDD

Tools: Jira, GitLab, Gitlab Action, Finacle Scripting, Postman, Maven, Gradle, Apache Kafka, Star UML, Toad, Junit, Jasmine, Karma, Docker, IntelliJ, Eclipse, VS Code

Platforms: Linux, Windows

Application/Software: Loan Process Automation System, Swift GPI, Pay Billing System, Digital Loan Application, Alert Management system, Data Dictionary Web Application

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).

GOLOMT BANK, Ulaanbaatar, Mongolia • 01/2018-08/2023

A financial Institute

Senior Software Engineer • 03/2022 - 08/2023

Responsible for designing, developing, and maintaining software solutions that support the bank's operations.

- Designed and implemented a Loan process automation system using K2 Process Automation Tool, Spring Eureka, JPA, Oracle DB, MS SQL, Linux, Windows, empowering the organization to effectively manage loan operations.
- Integrated the supply chain financing system with other external APIs using Java, MongoDB, JUnit and Docker, facilitating strategic investment and expansion of business operations.
- Optimized the integration of the trading platform with other external systems using Finacle Scripting, MySQL, GitLab and React resulting in the creation of a centralized FX exchange platform, streamlining trading processes.
- Developed the Corporate Gateway Management Web using Next.js, JavaScript and Karma, effectively resolving a critical customer complaint.
- Built a Credit Scoring System using Spring Boot, Hibernate and Apache Kafka, significantly enhancing user accessibility and system efficiency.

Software Engineer • 11/2019 - 03/2022

Software Engineer

- Developed an alert management system using Spring Eureka, React and Apache Kafka to improve customer communication through notifications, resulting in a 40% increase in customer engagement.
- Maintained a payment gateway using Spring Boot, Hibernate, Oracle DB and Docker to streamline customers' payment methods, providing more payment options to the customers resulting in better conversions.
- Designed and developed SWIFT Global Payment Innovation (GPI) integration using Java and FIX protocol, enhancing the cross-border payments ecosystem.
- Implemented customizations of Infosys Finacle system using Finacle Scripting to meet specific organizational needs, incorporating custom features and functionalities for enhanced performance and scalability.
- Assembled a central loan management service using Spring Cloud, Junit and GitLab to improve customer experience.
- Built an interactive web pages using JavaScript, MongoDB and Jasmin, improving the user experience for the core banking system by reducing page load times by 20% and increasing user engagement.

Junior Software Developer • 01/2018 - 11/2019

Junior Software Developer

- Created financial reports using Oracle DB and Tableau, delivering comprehensive insights into the bank's financial performance.
- Developed a Data Dictionary Web using Spring MVC, MongoDB, Linux and GitLab, enhancing data quality and integrity for the bank.
- Tested Bank Data Integration using the Talend tool and MySQL, ensuring high-quality financial reporting.
- Implemented comprehensive stream processing for face recognition and processing, utilizing JavaScript, NodeJS, PostgreSQL and Jira, enhancing data flow efficiency, and increasing real-time data analysis capabilities.
- Optimized a web scraping using Python, Selenium and Raspberry Pi, delivering real time financial reports to board members.

Technologies Used: Java, Spring Boot, Spring MVC, Hibernate, JPA, JSP, React, NodeJS, Next.js, HTML, CSS, JavaScript, Finacle Scripting, SOAP, REST, JSON, XML, FIX protocol, Apache Kafka, Oracle DB, MySQL, MS SQL, PostgreSQL, MongoDB, GitLab, Gitlab Action, Docker, Jira, Postman, Toad, IntelliJ, Eclipse, STS, Gradle, Maven, Junit, Jasmine, Karma, Star UML, Tomcat, Talend, Tableau, Selenium, Linux, Windows

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 04/2026)

Maharishi International University, Fairfield, Iowa

Key Courses: Web Programming, Software Architecture, Enterprise Architecture, Algorithms

Bachelor of Science in Computer Science in Information Technology Engineer

National University of Mongolia, Ulaanbaatar, Mongolia

Certificates

AWS Certified Developer – Associate – <https://www.credly.com/badges/723c0299-06b3-420c-85e3-ba5dc66315fb>

AWS Certified Cloud Practitioner - <https://www.credly.com/badges/fa86e796-fd26-49f3-9086-ada95ab19f7b>