

Luvsangombo Gochoodorj

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Summary

Software Engineer with five years of experience in backend and cloud-native development. Proficient in Go and Java, with expertise in building scalable APIs, microservices, and blockchain applications. Experienced in AWS and containerized environments, delivering secure and high-performance systems.

Skills

Languages & Frameworks: Go, Java, Spring Boot, Spring Platform, JavaScript (Node.js, React.js), Gin, Hyperledger Fabric, DevOps: Docker, Kubernetes, CI/CD, Git, AWS (EC2, ECS, S3, SQS, Lambda, RDS, IAM), Droplets, Prometheus, Grafana, Backend & API Development: REST API, gRPC, RabbitMQ, Web3, JWT, OAuth2, Kafka
Databases: MySQL, PostgreSQL, MongoDB, CouchDB, Redis

Experience

Corex

Sr. Software Engineer, Ulaanbaatar, Mongolia
Apr 2022 – Aug 2024

- Maintained 99.9% uptime of a microservice-based crypto exchange by deploying features with GitLab CI/CD, Docker and Kubernetes.
- Refactored the Java-based internet banking system to Go, improving system performance and reducing maintenance efforts.
- Integrated the platform with a major crypto exchange using REST API and WebSocket, increasing liquidity pool size by 70%.
- Developed a peer-to-peer transaction microservice using Go, resulting in a 5% increase in user engagement and enabling real-time settlements.
- Built and deployed scalable RESTful APIs using Gin (Go) and gRPC, successfully delivering 200,000+ records into a private blockchain for insurance clients.
- Engineered and deployed smart contracts on a Hyperledger Fabric private blockchain, resulting in a 90% reduction in multi-claim insurance fraud and establishing trust across more than 10 insurance firms.

Infinite Solutions

Software Engineer, Ulaanbaatar Mongolia
Jun 2020 – Apr 2022

- Implemented AWS Lambda functions in Java for a serverless loan system, reducing loan approval time.
- Contributed to backend development of an instant payment system using Spring Boot, decreasing bug-related incidents by 20%.
- Enhanced the digital banking system by contributing to frontend development in React and optimizing backend batch processing in Hibernate, improving throughput by 2x.

- Automated KYC verification using OAuth2, reducing manual support tickets by 50% and accelerating user onboarding time by 40%.

Smart ERP Solutions

Software Engineering Intern, Ulaanbaatar Mongolia
Jun 2019 – Apr 2020

- Developed and launched an online shopping application on iOS and Android, achieving 800+ downloads using Flutter.

Projects

Maharishi International University (2024)

- Issue Management System: Built an event-driven REST API with admin and user portals, enabling users to manage issues and admins to approve them. Integrated components using Spring Boot and ActiveMQ; backed by MySQL for persistence.
- Policy Management App: Developed a full-stack policy management app with ReactJS, Tailwind CSS, and ExpressJS. Deployed on AWS S3, EC2, and RDS, supported CRUD operations across two entities for seamless user experience.

Education

Master of Science in Computer Science

Maharishi International University, Fairfield, Iowa (Expected May 2027)

Bachelor of Science in Software Engineering

Mongolian University of Science and Technology, Ulaanbaatar, Mongolia