LUVSANGOMBO (LUKA) GOCHOODORJ

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Skilled software engineer with over five years of experience specializing in microservices and distributed systems. Proficient in Golang, Java, and cloud-native development, with deep expertise in blockchain and scalable infrastructure. Experienced in cross-functional collaboration to drive innovation and streamline workflows.

SKILLS

Programming: Go, Java, JavaScript (Node.js, Express.js, React.js), TypeScript, Ruby on Rails, Spring Boot, Gin, Gorm
Backend & API Development: REST API, gRPC, RabbitMQ, ActiveMQ, web socket,
Cloud & Infrastructure: AWS (ECS, EC2, SNS, SQS, Lambda, S3), Docker, CI/CD, Git, Gitlab
Security & Authentication: JWT, OAuth2, Hyperledger Fabric, PKI, CA
Databases: MySQL, PostgreSQL, MongoDB, CouchDB, DynamoDB, Google Big Query

EXPERIENCE

Senior backend developer   Apr 2022 – Aug 2024
Corex LLC   Ulaanbaatar, Mongolia

- Led the development of an insurance data platform, using gRPC and REST APIs to store and process over 200,000 insurance records securely on a private blockchain network.
- Engineered and deployed smart contracts on a Hyperledger Fabric private blockchain, achieving a 90% decrease in multi-compensation fraud risks and establishing trust across more than 10 insurance firms.
- Integrated REST and WebSocket connections with a leading global crypto exchange using Golang, boosting our liquidity pool by 50% and enabling seamless real-time trading.
- Expanded crypto exchange functionality with peer-to-peer transaction capabilities, leveraging Golang to improve transaction flow and boost users by 5%.
- Automated KYC verification for a crypto exchange platform, integrating a secure OAuth2-based connection with a government data exchange system, reducing customer support workload by 99%
- Maintained and optimized a high-traffic crypto exchange platform with 30K active users, improving system performance by refining Golang and Ruby microservices.

Technologies used: Golang (gin, gorm, sqlx), Ruby on Rails, AWS (ECS, EC2, IAM), Hyperledger fabric, gRPC, Docker, Redis, JWT, OAuth, Gitlab, Rest-API, Big Query, PKI, RabbitMQ, MySQL, CouchDB, CI/CD

Backend developer   May 2020-Apr 2022
Infinite Solutions LLC   Ulaanbaatar, Mongolia

- Developed a fully serverless lending infrastructure, deploying 50+ AWS Lambda functions for event-driven loan processing and automation.
- Implemented an API gateway for a payment application, integrating with commercial banks, leading to a 10K user increase and enhancing transaction efficiency
- Refactored core backend architecture of an instant payment app, enhancing transaction speed and reliability for over 500K users using Java Spring and MySQL
- Architected and deployed QR code-based payment processing, cutting checkout times by 50% and boosting transaction speed for a better user experience.

Technologies used: Java (Spring boot), JavaScript (Node.js, Express.js.React.js), AWS, Lambda, MongoDB, PostgreSQL

EDUCATION

Master of Science in Computer Science
Maharishi International University, Fairfield, Iowa (05/2027)

Bachelor of Science in Software Engineering
Mongolian University of Science and Technology, Ulaanbaatar, Mongolia (06/2020)