

# LOYA ALTANGEREL

Software Development Engineer • Solutions Architect • DevOps/SRE  
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## SKILLS:

8+ years of professional software development experience: System design, development, problem solving, automation, distributed systems, monitoring, troubleshooting, testing, reliability, security, cost optimization, performance efficiency, operational excellence, capacity planning, fleet management, serverless application

*Technical: Java, Python, JavaScript, Spring MVC and Boot, ReactJS  
AWS, GCP, CI/CD, Docker, Linux/Unix*

## WORK EXPERIENCE:

### Amazon

- **Software Development Engineer (May 2020 – present)**

Built the cutting-edge technology to our selling partners and make them successful by proving most intelligent recommendations. Used machine learning (ML) technology to power the selling partner experience and make them a successful Seller. Serving as a technical lead on our most demanding, cross-functional projects and ensure the quality of architecture and design of systems.

- **DevOps Engineer (Jul 2017 – May 2020)**

Worked with 3+ different software development teams focusing on operational excellence and improved their processes and procedures by at least 20% YoY. Created and developed 5+ automation tools and web portals to reduce operations overhead.

Built a serverless real-time safety application using AWS services (DynamoDB, SQS, SNS, S3, Lambda, API Gateway, IoT Core) in backend and ReactJS for UI. Enabled it on 200+ warehouses in NA, EU and IN regions and handling over ~300k transactions per day.

### Caterpillar, Inc and The Capital Group via Infosys Limited

- **Tech Lead, Vendor Consultant (Sep 2015 – Jul 2017)**

Re-architected integration service for secure enterprise data exchange across 4000+ internal and external clients and processed thousands of files per minute. Completed the workshop with 200+ clients to onboard the new service and setup their configurations. Used TCP/IP, Linux file systems, disk/storage, globalscape, and IBM sterling.

### The Central Bank of Mongolia

- **Software Development Engineer (Sep 2012 – Oct 2014)**

Created a web application for treasury auctions with several types of bonds. These bonds are bought by primary government bond dealers, investment funds, individual investors and official banks. Improved efficiency and time-consumption by 90%. The system is still in use and issued approximately USD 10+ billion in bonds as of 2016.

### Interactive LLC

- **Software Development Engineer (Jun 2010 – Sep 2012)**

Created a web based national citizen registration system which makes a public service efficient by providing real-time data to government organizations and customized reports to desired formats and outputs. Minimized repetitive procedures, eliminated manual registration data by 60%.

## EDUCATION:

- **Master of Science in Computer Science – MIU, IA, USA 2018**
- **Bachelor of Computer Science in Software Engineering – MUST, UB, Mongolia 2011**