

# LOYA Altangerel

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

10+ years of professional software development experience: system designing, software development, distributed systems, serverless architecture, automation, reliability, cost optimization, performance efficiency, operational & excellence, problem solving, monitoring, troubleshooting, testing.

*Java, JavaScript, TypeScript, Python*

*Amazon Web Service (AWS), Google Cloud Platform (GCP)*

*Docker, CI/CD, NodeJS, AWS CDK, Terraform*

## WORK EXPERIENCE:

### Wholefoods / Amazon via Computer Futures

- Software Development Engineer (Mar 2023 – present)

Build the serverless worker (employee) data service that provide customers who also use Amazon programs (Amazon One, Just Walk Out, and Dash Carts) the ability to apply their respective discount benefits to their shopping checkout experience. This initiative involved designing and implementing scalable systems that not only enhanced performance but also significantly reduced operational costs.

### ClickUp

- Senior Software Engineer (Mar 2022 – Mar 2023)

My contributions included spearheading a sharding project, effectively de-normalizing columns, and distributing data across diverse regions to optimize availability and stability. Additionally, designed and implemented CI/CD pipelines for scheduling and view services, ensuring a seamless and efficient software delivery process.

### Amazon

- Software Development Engineer (May 2020 – May 2021)

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. Initiated 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 Analyst, 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, global scape, and IBM sterling.

## **The Central Bank of Mongolia**

- Software 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 Developer (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:**

## **Maharishi International University, Fairfield, Iowa, U.S 2018**

- Master of Science in Computer Science (On campus between Oct 2014 – Sep 2015)

## **Mongolian University of Science and Technology, Ulaanbaatar, Mongolia 2011**

- Bachelor of Computer Science in Software Engineering