

Altanbagana Erdene-Ochir

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About me

Highly competitive, curious and self-taught Software Engineer with over 5 years of experience aiming to become 10x engineer.

Skills

Programming Languages: Rust, Golang, Typescript/Javascript, Java, C#

Framework and Platforms: Arch Linux, React, Express, NestJS, Sanity (CMS), Spring Framework, Google Cloud Platform, Tanstack, Vite, Github/Gitlab CI/CD

Areas of Expertise: Frontend, Backend architecture and code structure, Systems Programming

Experience

AILAB

Senior Software Engineer, Ulaanbaatar, Mongolia

09/2025 - Present

The company website: <https://ailab.mn/>

- Developed company internal component library for multiple projects to use and it's documentation web and made it open source (github.com/ailab-core/uilab)
- Developed a web application of core banking system for NBFIs to use.
- Developing and maintaining car loan service using Golang on Pocket NBFI application

AILAB

Full Stack Developer, Ulaanbaatar, Mongolia

08/2024 - 09/2025

The company website: <https://ailab.mn/>

- Maintaining and developing finance heavy backend (Java) code of an application called Pocket which provides NFBI services to client such as various types of loan and BNPL etc
- Designing and developing admin dashboard web application using newer and faster technologies such as SolidJS and shadcn (mostly using radix primitives).
- Worked on a backend of a new big feature on Pocket application that provides auto loan and auto collateral loan service.

GOBI Cashmere

Full Stack Developer, Ulaanbaatar, Mongolia

05/2023 - 06/2024

The company website: <https://www.gobicashmere.com/>

- Leading a team to develop a Shopify app for calculations of various custom discounts using *Typescript* and *Rust*.
- Worked on maintaining cart section and page on www.gobicashmere.com
- Cleaning up the codebase on cart section of www.gobicashmere.com. Resulting in increased speed of 40% on LCP.
- Implemented and improved server architecture using Netlify
- Leading a technical part of SEO implementation and optimization

erxes Inc

Full Stack Developer, Ulaanbaatar, Mongolia
04/2022 - 05/2023

The company website: <https://erxes.io/>

- Developed a client requested plugin that calculates discounts for products and services in erxes XOS (*experience operating system*), Both frontend and backend using Typescript, MongoDB, RabbitMQ and Redis.
- Took part in front-end development on multiple plugins and features that is used in erxes XOS such as Chat, Go To Search, Properties.

ad-dice Co., Ltd

Front End Developer & Designer, Tokyo, Chiba
12/2020 - 03/2022

- Designed and developed Web (React), IOS and WatchOS application (Swift) for the Health monitoring platform project for hospitals. Mostly maintaining the frontend and managing the connection to the backend

Nomadic Bear Games LLC

Internship, Ulaanbaatar, Mongolia
08/2018 - 06/2019

- Learned the fundamentals and frameworks of web development such as concept of rest API, React, Express, NestJS, NextJS, MongoDB.
 - Developed and designed SPA (Single page application) for game development competition organized by the company.
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Side Projects

- Personal portfolio <https://altanbagana.me>
 - Developed a rogue-like video game on Unity Engine and it will be available on steam soon.
 - Configured and deployed wordpress server on VPS and set up the website <https://mongol-info-japan.net>
 - Wrote music listening discord bot on NodeJS.
 - Developed CLI tool that can manage and save server connection details
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Education

Japanese Language

Meisei Institute of Cybernetics, Tokyo, Chiba
03/2022