Radnaabazar Bulgan

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Software Engineer

With 1 years as a Full Stack Developer, I excel in Next.js, Express, and Prisma/Sequelize. I developed a Real-time Auction System and a Bond Market System for data visualization. I also ensured ISO standardized security for back-end development. In 1 year, I managed and deployed multiple projects, boosting efficiency and productivity.

WORK EXPERIENCE

BDSec JSC   **04/2024 - Present**
Full Stack Developer   **Ulaanbaatar, Ulaanbaatar Hot, Mongolia**

- Full-Stack developer / DevOps
- -Next.js / Express / Prisma, Sequelize tech stack.
- Manages and deploys multiple projects.
- Developed Real-time Auction System.
- Built Mongolian Bond Market System for data visualization.
- Developed Backend with ISO standardized security.
- Developed Admin Dashboards with rich-text editor.
- Created/Maintained: bondmarket.mn comexchange.mn admin.bdsec.mn gobideluxe.mn
- Maintained: bdsec.mn agm.mn
- Maintained AGM.mn for Annual General Meetings of Khan Bank, Bogd Bank, APU, and others.

EDUCATION

Bachelor's degree in Information Technology
National University of Mongolia • GPA: 3.6   09/2022 - 06/2026
High School Certificate
Oyunii-Ireedui Complex • GPA: 98.5/100   Darkhan, Darkhan-Uul, Mongolia • 09/2019 - 06/2022
Honorary Student

CERTIFICATIONS

English Language proficiency - IELTS 7.0   07/2023
The British Council

Japanese language proficiency - JLPT N4   07/2023
The Japan Foundation and Japan Educational Exchanges and Service

PROJECTS

Association of Mongolian Stock Companies Website   01/2025 - 03/2025
Association of Mongolian Stock Companies
A website developed for the Association of Mongolian Stock Companies, where I led the team to build a platform showcasing **companies** with advanced filters, such as by category. The site features **news**, **lessons**, and **advice**, with detailed pages for each. The admin dashboard includes a **rich text editor** where users can embed images within content, providing a professional news-site appearance. I integrated **Cloudinary API** for efficient CDN delivery. This was an **agile project**, and the admin dashboard offers content management with advanced editing capabilities.

Gobideluxe.mn   01/2025 - 02/2025

A resort website developed as a side job, where I led two of my classmates in building the platform. The site showcases various accommodations, including **rooms, houses, and gers**, with a focus on a user-friendly gallery to display **latest events** and a detailed **restaurant menu**. The site features an **admin dashboard** for creating and editing rooms, room types, foods, and gallery content. I guided my classmates throughout the project, teaching them the technical aspects while overseeing their contributions.

BondMarket.mn   10/2024 - 01/2025

BDSec JSC

A comprehensive platform for tracking Mongolian bonds, developed entirely independently. I handled everything from **contacting shareholders** and obtaining API documentation from **two exchanges** to building the **database** and implementing **ISO-secure authentication**. The web interface is designed with a focus on **SEO optimization** and a user-friendly UI. Currently, the platform lists all Mongolian bonds from the **OTC market** and **two exchanges**, providing a **bond yield calculator**. While there are no orders yet, the system is fully functional for real-time bond information.

Mongolian Mining Auction System   06/2024 - 10/2024

BDSec JSC

A web-based auction system for mining assets, officially approved by the Mongolian Stock Exchange and operating in real-time. The project features a **Next.js** frontend and an **Express.js** backend, with a focus on authentication, logging, database management, and an intuitive admin dashboard. Additionally, I configured **Linux servers**, including **NGINX**, **Cronjobs**, and **data archiving**, to ensure smooth deployment and system reliability.

Personal Twitter-Like Web Application   07/2024 - 07/2024

This is a personal project developed for educational purposes. It recreates key features of Twitter, such as **creating posts, infinite scrolling for viewing posts, and querying posts using hashtags**. Built with Next.js 15 and powered by a MySQL database, the application ensures efficient data handling and modern web performance. Additionally, I implemented optimizations, including SEO improvements, efficient media serving, and performance enhancements to provide a seamless user experience.

VOLUNTEERING & LEADERSHIP

American Corner   01/2023 - 07/2023

Education Mentor   Darkhan, Darkhan-Uul

As a mentor teacher for the CFY Project, I help high school students improve their English skills through casual conversations and interactive learning. I focus on making English more natural and fun by chatting side by side, giving guidance, and boosting their confidence in speaking.

SKILLS

ASP.NET AJAX, Bootstrap, C#, Cache Management, Computer Networking, Educational Institutions, English Teaching, Express.js, Full-Stack Development, Git, JavaScript, MySQL, .NET Framework, Next.js, NextJS, PostgreSQL, Python, React.js, Red Hat Enterprise Linux (RHEL), SQL Server Management Studio, Stakeholder interaction, Tailwind CSS, TypeScript