Enkh-Amar Ganbat   [GitHub](#) | [LinkedIn](#)

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Passionate software engineer with expertise in full-stack development, cloud computing, and automation, constantly innovating and optimizing solutions for scalable and efficient applications.

Work Experience

Fullstack Engineer | X-Meta   **Aug 2022 - Feb 2025**

Ulaanbaatar, Mongolia

- Designed the architecture for a crypto exchange system from scratch after Binance Cloud shutdown, ensuring business continuity.
- Developed the X-Meta Exchange website using Next.js and built the backend on AWS serverless architecture for scalability and cost efficiency.
- Implemented fiat-to-crypto transactions with local banking and QR payment for instant purchases.
- Built a custom trading engine for assets not on Binance.
- Refactored the entire codebase and developed internal TypeScript packages for reusable components.
- Developed a crypto exchange template that facilitated the successful launch of RGX Exchange in Cambodia.
- Designed and developed the P2P trading feature for RGX Exchange.
- Integrated KYC verification and security measures to enhance user trust and prevent AML risks.

Technologies Used: Python, Docker, TypeScript, Next.js, AWS Services, Firebase, Redis.
Architecture Used: Serverless Architecture

Software Engineer | Supremacy (Part-time)   **Jun 2022 - Present**

Remote

- Contributed to the "Tsenegly" app, providing payment solutions for mobile games like PUBG and Mobile Legends.
- Automated banking processes for P2P merchants, integrating Telegram notifications for transaction updates.
- Developed an AI-powered KYC (Know Your Customer) chatbot and admin panel

Technologies Used: Python, JavaScript, Java, Ghidra, Frida, Solidity, RDS, AWS Services
Architecture Used: Various architectures based on project needs

Fullstack Engineer | Faro Technology Solutions   **Mar 2021 - Jul 2022**

Ulaanbaatar, Mongolia

- Contributed to the development of the Hippocards app to help users memorize vocabulary in multiple languages.
- Improved existing backend code by applying design patterns and refactoring to make it more maintainable.
- Integrated text-to-speech for article reading, syncing text and audio with the emphasized current word.
- Contributed to the creation and optimization of the web-based admin panel, resolving various bugs and improving the system's stability and overall performance by 30%.

Technologies Used: PHP, Laravel, Docker, MySQL, ReactJS, AWS Services
Architecture Used: MVC

Eduction

Bachelor of Software Engineering | National University of Mongolia   **2018 - 2025**

Ulaanbaatar, Mongolia

Skills

Languages: Python, Java, JavaScript, Dart, PHP
UI Frameworks: Next.js, React Native, Flutter
Backend Frameworks: Serverless, Django, Laravel, Node.js, Express
Cloud & DevOps: AWS(EC2, S3, Lambda, Cloud-Formation), GCP

ML Libraries: PyTorch, numpy, pandas
Databases: MySQL, MongoDB, DynamoDB, Redis
Tools: Git, Docker, Webpack, Serverless
Project Management: Agile/Scrum