

# Unumandakh Bayandelger

## Full-Stack Developer

Ulaanbaatar, Mongolia · Open to remote work in any time zone

unumandakh.b@gmail.com · +976 9454 4656 · unumandakh.com · github.com/uno-b

## SUMMARY

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Full-Stack Developer with 5 years of shipping web products in TypeScript, React and Next.js, plus Python for data and trading systems. Sole developer at SuperPOD, where I built and run Nicheva, a live subscription SaaS for Etsy sellers. Outside work I ship my own products: Аян, an English-learning app on web and iOS, and a live-data trading system backed by 3,118 automated tests.

## TECHNICAL SKILLS

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- **Languages:** TypeScript, JavaScript, Python, Go, Java, SQL, HTML/CSS
- **Frontend:** React, Next.js, React Native (Expo), Tailwind CSS, GraphQL, Chrome extensions, i18n
- **Backend:** Node.js, Express, Prisma, FastAPI, asyncio, REST APIs, WebSockets/Socket.IO
- **Databases:** PostgreSQL, Redis
- **Data & AI:** XGBoost, pandas, OpenCV/ffmpeg, Anthropic Claude API, OpenAI API
- **DevOps & Tools:** Docker, Vercel, Cloudflare, Git/GitHub, pytest, Vitest, Paddle, Algolia
- **Also used:** MongoDB, MySQL, AWS, Google Cloud, Firebase, Redux, Angular, Jest, Cypress, React Testing Library

## EXPERIENCE

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### Full-Stack Developer, SuperPOD

2025 – Present

Only developer on the team: DevOps, backend, frontend and design, with key decisions made jointly with the manager.

- Built and operate Nicheva (nicheva.unumandakh.com), a live SaaS that tracks Etsy shops and search terms and shows 24-hour, 7-day and 30-day sales estimates per listing (Next.js, Node.js/Express, PostgreSQL, Redis, Docker).
- Scheduled listing re-checks through the day and hourly momentum labels (6 labels, 4 badges); hosted on Vercel with healthchecks.io and UptimeRobot monitoring.
- Shipped Emerging Topics, a daily job that groups listings into themes, flags those whose last-week sales reach 1.3x their earlier weeks, and names them with an LLM.
- Added four-tier Paddle billing with 14-day trials and per-plan limits, email alerts checked as often as every 10 minutes, and a daily digest email.

### Full-Stack Developer, Chimege; Information Technology Center of Finance; DreamON 2024 – 2026 · Mongolia

Three roles of one to three months each, held alongside SuperPOD: an AI company, a large financial IT center and an early-stage startup.

- Owned image uploads for an AI chat assistant in Go; oversaw backend work for image streaming, web scraping and Mongolian-language text detection.
- Wrote Java/Spring Boot code at the financial IT center; at the startup, won agreement on a project architecture by writing it up as an HTML document.

### Frontend Developer, Cherry Labs

2022 – 2024 · Remote

Remote role on an international team.

- Built Cherish, an NFT e-commerce app for artists with tips, subscriptions and commissions, as its sole frontend developer (Next.js, TypeScript, GraphQL, Tailwind CSS).
- Built Cherry Wallet, a Chrome extension to create or import a wallet, check live balances and send CHER tokens via Polkadot.js (Next.js, TypeScript).

**Frontend Developer**, Gobi Cashmere

2021 – 2022 · Ulaanbaatar, Mongolia

- Contributed to migrating the cashmere brand's e-commerce site (gobi.mn) from Gatsby to Next.js with a new design; owned the dynamic search pages and the Algolia integration.
- Improved site performance with image optimization, fewer HTTP requests and caching, raising Lighthouse scores by 25%.

## PROJECTS

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**Аян (Ayan)**: English lessons for Mongolian speakers (personal product)    ayan.study · iOS app on the App Store

- Built a bilingual Next.js web app and a React Native (Expo) iOS app: 3,800+ words in spaced repetition, 75 grammar lessons, 149 articles in 3 levels.
- Integrated Anthropic Claude for consent-based writing feedback explained in Mongolian (8 text types, 3 free checks a day).
- Run the product on my own backend: Express and Prisma on PostgreSQL, deployed with Docker on a self-hosted server, with Apple and Google sign-in, push notifications and in-app purchases.

**Tick to Trade**: Dota 2 live trading system (solo, with AI coding agents)

2026

Case study: [unumandakh.com/en/work/tick-to-trade](https://unumandakh.com/en/work/tick-to-trade)

- Merged up to 8 live data feeds into one XGBoost win probability that drove Polymarket orders (Python, asyncio, FastAPI); ran on 86 days, live and paper.
- Trained on 8,450 pro matches (334,090 one-minute snapshots) with live features built the same way; raised Twitch OCR clock reads from 10 of 86 to 84 of 85 matches.
- Shipped with 3,118 pytest tests and a 10-page Next.js operator UI; traced stale data to Valve's 15-minute spectator delay (median lag 14.8 minutes in 59 of 59 matches).

## EDUCATION

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**BA in Computer Science**, American University in Bulgaria

2017 – 2021 · Blagoevgrad, Bulgaria

## LANGUAGES

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Mongolian, English, German (B2, CEFR)