

Bilguun (Bi) Enkhbileg

Software Development Engineer — Backend · Cloud · Data

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EXPERIENCE

Software Development Engineer — ConnectMNG, Seattle, WA Dec 2024 – Present

- Designed and shipped a responsive mobile navigation system in HTML and CSS, lifting site engagement 25% and improving usability for 50+ monthly visitors.
- Built a podcast automation platform with RESTful services (Express.js), DynamoDB and S3, deployed on AWS Lambda + API Gateway — cutting manual content updates 40%.
- Stood up CI/CD pipelines in GitHub Actions covering build, test and deploy, reducing deployment time 30% and reclaiming 20+ hours of manual QA per month.

Computer Science Tutor — Bellevue College Academic Success Center, Bellevue, WA Sep 2023 – Mar 2024

- Taught programming fundamentals and object-oriented design across Python, Java and C++.
- Coached 60+ students through debugging and writing clean, testable code, improving assignment completion and course outcomes.
- Partnered with ASC staff to redesign tutoring workshops, increasing student participation and satisfaction.

President's Administration Assistant — Bellevue College, Bellevue, WA Sep 2022 – Jun 2023

- Reorganized 100+ internal documents under a consistent filing system, cutting retrieval time 40%.
- Maintained digital records and reporting in Excel with consistency across files and schedules.
- Coordinated scheduling and meetings across executive teams.

PROJECTS

Ozora / Kairo — UW CSS 497 Capstone · design partner: Ozora Izakaya, Bellevue WA 2025 – 2026

- Shipped a multi-tenant Next.js 14 restaurant platform (public site + NextAuth admin for menu, reservations, hours, settings) on Prisma/Postgres, live on Vercel; a second tenant launches from a config record, not a code change.
- Built Kairo, an AI Owner Agent on the Claude API tool-use loop that drafts Instagram posts, review replies and win-back messages grounded in live restaurant context — every tool call written to an immutable audit table, and no irreversible action without owner approval.
- Designed a 10-table multi-tenant Supabase schema (guests, visits, campaigns, messages, reviews, agent actions) and HMAC-SHA256-verified Toast POS and Slack webhooks with replay protection; validated with five integration test cases with pass/fail criteria.

Next.js 14 · TypeScript · Prisma · PostgreSQL · Supabase · Claude API · NextAuth · Vercel

r/WallStreetBets Sentiment Engine 2025

- Built an end-to-end pipeline scraping 30 days of r/WallStreetBets posts via the Reddit API, with preprocessing, ticker extraction and synthesized bullish/bearish/neutral labels.
- Trained and benchmarked Naive Bayes, Logistic Regression and Linear SVM against FinBERT and LLaMA-4 on a shared held-out set.

Python · pandas · Reddit API · scikit-learn · FinBERT · LLaMA-4

Dairy Board of Mongolia — Official Website 2024

- Structured information architecture across mission, strategy, projects, statistics and news; integrated multilingual content and backend features with stakeholders. Shipped on Vercel.

Vercel · UX Design · i18n · Content Modeling

SKILLS

Languages	Java, Python, C/C++, JavaScript, SQL, R
Frameworks	React, Next.js, Node.js, Express.js, Prisma, pandas, NumPy, Flutter, Appium
Cloud & Data	AWS (Lambda, API Gateway, S3), DynamoDB, PostgreSQL, Supabase, Vercel
Tools	Git, Docker, GitHub Actions, Claude API, Vitest, Playwright, Figma, Tableau

EDUCATION

University of Washington — B.S. Computer Science & Software Engineering, Data Analytics June 2026

Bellevue College — Associate of Arts, Computer Science March 2024