

BILGUUNBOLD AMGALAN

Computer Programming & Analysis Co-op Student | Full-Stack Developer

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SUMMARY

Computer Programming & Analysis co-op student with a portfolio of full-stack projects shipped end-to-end, including a live Microsoft Azure deployment and an e-commerce platform seeded with 706 real products for a client. Comfortable across the stack: C# / ASP.NET Core on the backend, React on the frontend, SQL Server and Azure SQL for data. Looking to contribute working code from day one in a co-op or part-time role.

TECHNICAL SKILLS

Languages C#, JavaScript, TypeScript, Python, SQL, HTML5, CSS3, XAML

Backend & APIs ASP.NET Core MVC, .NET Web API, Entity Framework Core, REST

Frontend React, Vite, Bootstrap, Razor, Recharts, jQuery, Responsive Design

Cloud & DevOps Microsoft Azure (App Service, Azure SQL), Git, GitHub, GitHub Actions, CI/CD

Databases SQL Server, Azure SQL, MySQL, SQLite

Tools Visual Studio, VS Code, Cursor, Figma, Postman

PROJECTS

PontelloAppClient | E-Commerce Platform *ASP.NET Core MVC • C# • SQL Server • Bootstrap*

- **Built a full-stack B2B e-commerce platform** for an Italian importer, with role-based authentication and an admin approval workflow for new customer accounts.
- **Seeded 706 products across 42 categories** via CSV import with duplicate detection, mirroring the client's live Shopify catalog.
- **Implemented secure password reset** with email enumeration prevention and an admin dashboard for reviewing and approving registrations.

MVC Musician | Live Azure Deployment *C# • ASP.NET Core MVC • Azure App Service • Azure SQL*

mvcmusicbilguunbold.azurewebsites.net

- **Designed and shipped a music artist management platform** deployed live on Microsoft Azure App Service with continuous deployment via GitHub.
- **Built full CRUD** for artists, albums, and tracks using Entity Framework Core and Azure SQL.
- **Implemented responsive UI** with a Razor and Bootstrap front-end, with seamless navigation across desktop and mobile.

Budget Tracker | Personal Finance App *React • Vite • Recharts • .NET Web API*

- **Developed a full-stack** personal finance app with transaction management, category tracking, and budget alerts.
- **Integrated interactive data visualization** with bar charts, pie breakdowns, and trend lines using Recharts.
- **Designed a .NET Web API backend** with full CRUD endpoints and input validation, consumed by a React frontend.

Asian Falcon | Wholesale Business Website *HTML • CSS • JavaScript • Responsive Design*

aziinshonkhor.mn

- **Delivered a complete redesign** for a Mongolian fresh produce wholesaler, including hero section, filterable product grid, and sticky navigation.
- **Built from scratch** with no external CSS frameworks, full mobile responsiveness across all breakpoints, and a custom brand system (forest green, gold, cream).

EDUCATION

Niagara College Canada

Welland, ON

Ontario College Diploma, Computer Programming & Analysis (Co-op)

2024 - Present

- **Relevant coursework:** Data Structures & Algorithms, Database Design, Web Development, Software Engineering, Networking Fundamentals.

VOLUNTEER EXPERIENCE

Orientation Volunteer | Niagara College Canada

2025

- **Supported incoming international students during orientation**, guiding them through campus resources, registration, and program logistics, while coordinating with staff to keep large-group activities running smoothly.

LANGUAGES

English (Fluent) • **Mongolian** (Native)