Artemii Bigdan

Go (Golang) engineer
5 years of commercial experience in total.
3 years working on FinTech solutions.
2 years developing WebRTC + SIP/VoIP conference calls solutions.
1.5 years developing CRM systems.

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Location: Czech Republic

EXPERIENCE

Spendbase — *Go Developer / US cards & payment processing*

DEC 2025 - PRESENT

Stack: Go/gRPC/PostgreSQL/Temporal/Redis/AWS/3rd party integrations

I am the main engineer behind Spendbase's ongoing effort to offer its services in the US, working on everything relating to cards and transactions: integrating with Thredd, managing cards, processing transactions, handling reconciliation etc.

DCM Systems — *Go Developer / Interbank settlement engineer*

APR 2024 - AUG 2025

Stack: Go/PostgreSQL/Temporal/NATS/AWS/gRPC

Backend developer at DCM Systems, a Ukrainian startup building the *Transparent Network* payment message exchange system; responsible for gross settlement, digital signature verification, and cryptographic key management.

FinTechBand — *Go Developer / Payment processing engineer*

APR 2022 - NOV 2023

Stack: Go/PostgreSQL/Redis, 3rd party integrations: TrueLayer, Chopin, PPS

FinTechBand is an IT company focused on developing banking applications such as Monobank (Ukraine) and The Credit Thing (UK). Worked as a backend developer on several payment processing services for The Credit Thing project.

TATL Technology — *Go Developer / Backend engineer*

NOV 2020 - APR 2022

Stack: Go/MySQL

TATL Technology develops a product called "Unified School / Єдина Школа" – a comprehensive management platform for Ukrainian schools, designed to replace paper-based grade books, schedules, and diaries.
Developed features for the main API and the admin dashboard.

SKILLS
Go (Golang)
PostgreSQL/MySQL
Docker
Redis
Temporal
Java
WebRTC
PJSIP
GitLab CI/CD
AWS
gRPC
NATS

INTERESTS
Rust
Machine learning

HOBBIES
Embedded development
(ESP32/ATMega/ATTiny)
Amateur chemistry
3D printing
Game development

LANGUAGES
Ukrainian (native)
English (B2–C1)
russian (native)

EDUCATION

Kyiv National University of Taras Shevchenko — *Bachelor's degree in computer science.*

SEP 2019 - JUNE 2023

PROJECTS

COMMERCIAL

Spendbase [Go/gRPC/PostgreSQL/Temporal/Redis/AWS/3rd party] — *a banking app providing managed credit cards for corporate spending.*

Transparent Network [Go/PostgreSQL/Temporal/NATS/AWS/gRPC] — *interbank payment network enabling banks to exchange signed transactions without paying fees to the National Bank of Ukraine.*

TheCreditThing [Go/PostgreSQL/Redis/3rd party] — *mobile banking app for the UK market, focused on credit cards and consumer loans.*

Unified School [Go/MySQL] — *CRM system for Ukrainian schools: digital grade books, schedules, diaries, and quizzes — aimed at minimizing paperwork.*

NON-COMMERCIAL

Callbot [Java/C++/Redis/Docker] – *a Discord bot to make phone calls.*

Discord bot for making phone calls. Built on a patched PJProject PJSUA2 library with SWIG-based C++–to–Java bindings.
A messy but valuable learning experience in media streaming and native library interop.

Strichka [ESP32/C++/JS] — *a remote-controlled RGB LED strip*
Remote-controlled RGB LED strip based on ESP32.
Serves a web interface over WiFi for user control. Required optimization for limited 4 MB flash storage and patching Espressif's SDK to handle large static files.

streeem.co [Go/Svelte] — *a P2P file sharing service*

WebRTC-based P2P file-sharing service supporting unlimited file sizes (under suitable network conditions).
Works best in Chromium-based browsers. Fully self-developed.