

Dmytro Berezhnenko

Middle Backend developer

SUMMARY

- Backend developer with 4+ years of experience specializing in Golang, SQL, Docker, and cloud-native solutions on AWS and GCP.
- Proven expertise in designing and implementing scalable backend services, SDKs, and cross-cloud integrations with database-level synchronization (pglogical).
- Strong background in blockchain technologies, microservices, and smart contract development using Solidity, Rust, and Typescript.
- Skilled in observability tools (Prometheus, Grafana), authentication mechanisms (JWT, 2FA).
- Holds Bachelor's and Master's degrees in Cybersecurity, combining solid computer science education with practical software development and DevOps practices.

TECHNICAL SKILLS

Main Technical Skills	Go (4 yr.), SQL (5 yr.), Docker (3 yr.), Git, RESTful API
Programming Languages	Go (4 yr.), Python (2 yr.), Rust (2 yr.), Solidity (1 yr.), TypeScript (2 yr.)
AI & Machine Learning	AI (1 yr.), chi (1 yr.)
C++ Libraries and Tools	C/C++/C# (1 yr.)
Mobile Frameworks and Libraries	Crashlytics (1 yr.)
.NET Platform	Entity Framework (1 yr.), .NET Core (1 yr.)
Go Frameworks	Fiber (1 yr.)
C++ Frameworks	Qt/C++ (1 yr.)
Databases & Management Systems / ORM	PostgreSQL (5 yr.), SQL (5 yr.), SQLite (2 yr.)
Cloud Platforms, Services & Computing	AWS (2 yr.), GCP (2 yr.)
Azure Cloud Services	Azure Logic Apps (2 yr.)
QA, Test Automation, Security	2FA (1 yr.)
Virtualization, Containers and Orchestration	Docker (3 yr.), Docker Compose (2 yr.)
Version Control	Git
	JWT (1 yr.)



Mail / Network Protocols / Data transfer	
SDK / API and Integrations	JWT (1 yr.), OAuth (1 yr.), RESTful API, Swagger (2 yr.), Telegram API (1 yr.)
Web/App Servers, Middleware	Nginx (1 yr.)
Logging and Monitoring	Prometheus (1 yr.)
Message/Queue/Task Brokers	RabbitMQ (1 yr.)
Other Technical Skills	InterPlanetary File System

WORK EXPERIENCE

Backend developer - Everstake (Multiple internal and customer-facing platforms)

Duration: July 2024 – June 2026

Summary:

- Development of backend services for various internal and customer-facing platforms, including cloud-native solutions across AWS and GCP with database-level synchronization
- The projects involved product development from concept and R&D stages through production deployment

Responsibilities:

- Developed backend services and SDKs for new products.
- Designed and implemented cloud-native solutions and cross-cloud integrations.
- Built observability infrastructure using Prometheus and Grafana.
- Implemented fallback mechanisms for critical infrastructure outages.
- Participated in architecture design, implementation, and maintenance of production and greenfield projects.

Technologies: Golang, TypeScript, Rust, PostgreSQL, SQLite, Docker, AWS, GCP, Prometheus, Grafana, pglogical

Backend developer - Envoys lab (Centralized stock exchange)

Duration: January 2023 – June 2024

Summary: Development and improvement of a centralized stock exchange platform, including authentication features, integration with banking and KYC services, and migration of file storage to AWS buckets.

Responsibilities:

- Implemented authentication features including JWT, 2FA, TOTP, and verification codes.
- Integrated with third-party services such as banking systems and KYC validation.
- Optimized database requests and created a query builder.
- Improved logging, error handling, and test coverage.
- Collaborated with developers to improve system knowledge and resolve issues.



Technologies: Go, gRPC, gRPC-Gateway, PostgreSQL, Redis, RabbitMQ, Docker, Docker Compose, AWS

Backend developer (ChatGPT-like technical support)

Duration: July 2023 – November 2023

Summary: Development of a ChatGPT-like technical support system, including transitioning services from Python to Golang and integrating with Google Drive and GCP services.

Responsibilities:

- Transitioned services from Python to Golang.
- Worked with Google Drive, GCP, OAuth2 integration, and Docker container configuration.
- Covered code with unit and integration tests.

Technologies: Go (go-fiber, sqlc), GCP, Python, PostgreSQL, Docker, Docker Compose, Firebase, Vespa AI, Swagger

Backend developer (Platform for Telegram advertisement sale/purchase)

Duration: December 2022 - April 2023

Summary: Development of a platform for buying and selling advertisements on Telegram, including system design, database optimization, payment system integration, and feature development.

Responsibilities:

- Designed and developed the platform architecture.
- Optimized database schema and queries.
- Integrated payment systems.
- Developed multiple features.

Technologies: C# (.NET Core 6, Entity Framework), PostgreSQL, Telegram API, Docker, Swagger, nginx, certbot

Backend developer - Distributed Labs (Blockchain-related projects)

Duration: October 2021 - November 2022

Summary: Development of multiple blockchain-related projects involving Ethereum, Solana, and Polkadot ecosystems, including microservices for interchain operations, smart contracts, and SDKs for frontends.

Responsibilities:

- Created microservices for interchain operations verification and transaction building.
- Developed smart contracts for decentralized applications from scratch.
- Created SDKs for frontend integration.
- Implemented features for legacy systems.
- Covered code with unit tests and created documentation.

Technologies: Go (chi), PostgreSQL, Solidity, Rust, TypeScript, Docker, Docker Compose, IPFS, Swagger

Backend developer (Gambling bot for Telegram)

Duration: June 2021 - August 2021

Summary: Development of a gambling bot for Telegram including system design, database



design, payment system integration, admin panel creation, and deployment automation.

Responsibilities:

- Designed system architecture and database.
- Integrated payment system.
- Created admin panel and configurable technical support chat with live logging and statistics.
- Developed deployment scripts.

Technologies: C# (.NET Core 5, Entity Framework), PostgreSQL, Telegram API, nginx, certbot

EDUCATION

- **Bachelor's degree in Cybersecurity**
Kharkiv National University of Radio Electronics
September 2018 – July 2022
- **Master's degree in Cybersecurity**
Kharkiv National University of Radio Electronics
September 2022 – January 2024

