

- Designed and implemented a vertically scalable link shortener service with dynamic database configuration for flexible deployment and maintenance.
 - Developed a robust and production-ready API for link storage and retrieval, utilizing gRPC and REST for cross-platform compatibility.
 - Configured the server architecture to support seamless deployment of both HTTP/1.1 and HTTP/2.0 servers.

Project 3: Marketplace

Golang, Docker, Postgress

Source ↗

- Developed a robust and production-ready marketplace Rest API using Gin with PostgreSQL for persistent storage, implementing user sign-up/sign-in and JWT-based auth
 - Designed and implemented paginated,filter able listing endpoint(price range,order sort) with efficient DB scopes and pagination helpers

Project 4: Serverless chat room with AI

JavaScript, Cloudflare workers,Durable object

Source ↗

- Built a server less chat platform using Cloudflare Workers and Durable Objects, ensuring strong consistency and low latency globally
 - Implemented bidirectional WebSocket handling to manage real-time message broadcasting and session state for concurrent users
 - Integrated AI (Llama-3) to process chat history and generate concise, on-demand conversation summaries

Certificates

- [Course "Introduction to Databases" by HSE and SPbPU](#) ↗
 - [Big Data Course "Career Accelerator.Byte" by Gazprombank](#) ↗
 - [Course "Neural Networks and Computer Vision" by Samsung](#) ↗
 - [Course "Algorithms Training 4.0" by Yandex](#) ↗
 - [Course "Learning Docker" by LinkedIn Learning](#) ↗