BARTŁOMIEJ STRAMA

BACK-END DEVELOPER CANDIDATE

CONTACT

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SKILLS

- TypeScript / JavaScript
- Express.js, Nest.js
- SQL (Postrgres, MariaDB)
- Linux
- Docker
- Rust
- Golang
- Git
- Rest API
- GraphQL
- Flutter
- Testing
- Ci / CD
- WebSockets

LANGUAGES

English   B2

Polish   Native

ABOUT ME

Passionate about back-end technologies, skilled in JavaScript/TypeScript, Rust, and Golang seeking an internship or part-time job to gain commercial experience.
Current experience includes app development with GraphQL and Restful API, deploying them on linux, creating command line tools, work in a team.

EDUCATION

Zespół Szkół Elektryczno-Mechanicznych

Technician in Programming Candidate

- GPA: 5.0 (1-6)
- Contributed to School's recruitment website by creating backend for spotted, auth, users setting, faq, and other CRUD / WebSocket API using **nest.js** and **prisma ORM**:
  - rekrutacja.zsem.edu.pl
- Achievements:
  - Finalist of the **national IT Olympiad** called POL-TELE-INFO 2023/2024
  - Achieved 2nd place in an IT Project Competition (Science Picnic 2022)
  - Secured 2nd place in Coding Night 2023 (Hackathon)

VOLUNTEER EXPERIENCE

IT support

Foundation: Sursum Corda   September 2022 - June 2023

- Assisted in software updates, installations, and assembling new workstations, ensuring seamless office operations.
- Configured and maintained printers and other office peripherals, ensuring their proper functionality.

PROJECTS

SPITO

Platform for secure Linux system configuration.
https://github.com/vulcan-api/spito

I led a team of five students creating platform aimed at helping beginners programmers transition to Linux.
One its of major functionalities is to allow users to seamlessly connect multiple configurations.
I implemented flexible merge system in Golang which tracks all configuration changes and determines whether it is possible to merge them.
As a result SPITO is more safe because it avoids overriding any configuration files.

NA ZESZYT

Local store inventory management application.
https://github.com/BaderBC/na_zeszyt

I created a mobile app that help workers with storing information about store looses.
Using **Flutter** for the user interface and **TypeScript, Nest.js, PostgreSQL, prisma, docker** for backed I developed robust solution.
In result, the store now has an efficient inventory management system that enhances data recording.

BASEDBOOK BACK-END

An internal school social media app.
https://github.com/vulcan-api/basedbook-backend

I proposed and led a collaborative social media platform school project called BasedBook.
My responsibility was to create back-end infrastructure which can handle CRUD operations, authorization and files.
Using TypeScript, Prisma, Nest.js, and OAuth I implemented the backend which handle all social media functionalities.
The outcome was noteworthy, as BasedBook achieved 2nd place in a science fair.