

## Related Experience

### Limesco LTD; Kazan, RU present

May 2022 –

- Developed and optimized the backend of a gaming application (Nest js, GraphQL, RabbitMQ, Redis), ensuring seamless integration between the server and client sides of the application
- Configured authentication and authorization mechanisms (OAuth, JWT), and implemented protection against vulnerabilities such as XSS and CSRF.
- Designed and implemented a messaging system between high-load services (~2 million messages per day).
- Optimized the performance of a search algorithm for a table with over 30 million records by ~80% (from ~10 to ~2 seconds).
- Lead a team of 2 junior developers, emphasizing the importance of our mission and managing team stress effectively.

### Crypton Studio; Tomsk, RU

February 2021 – May 2022

- Developed the API for the Spacebot application (an app for storing and staking cryptocurrencies), designed the database, and implemented business logic (Nest js, REST API).
- Built functionality for the Decimal blockchain (Nest js, REST API, RabbitMQ, Redis).
- Improved the loading time of dashboard methods by 90% (from ~30 to ~3 seconds) for handling large datasets of a key client.
- Optimized the upload time of rating files by ~80% (10,000 rows: from ~1 minute to ~10 seconds) through asynchronous parallel processing.
- Enhanced the performance of a low-latency search algorithm by ~25% (from 2 to 1.5 seconds), saving 3 hours on 20,000 client search requests.

### Evaxsoft; Tomsk, RU

April 2020 - January 2021

- Development of the service and client-side of the website Alooba.com (Laravel, JavaScript)
- Fixing bugs and defects of the website limecube.co (Australia's Website Builder)
- Interoperability for uploading images
- Setting PayPal and Stripe for billing account

## Technical Skills

**Languages:** TypeScript , JavaScript, SQL, PHP

**Frameworks:** Nest js (4 years), Express js (1 year), Laravel (1 year)

**Databases:** PostgreSQL, MongoDB

**Other:** Linux, Git, Docker, RabbitMQ, Redis, AWS, CI/CD, REST API, GraphQL

## Education

### Tomsk Polytechnic University

February 2015

- Engineer's degree in Nuclear Power Generation Industry

### Languages

- Russian (native)
- English (upper-Intermediate)