Eugene Kurchenko

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Related Expirience

Limesco LTD; Kazan, RU   **May 2022 – present**

• 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)