

Peter Gamali

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EXPERIENCE

May 2023 – Present

Full Stack Developer | **Veziv IT Services** | **Remote**

First project:

- Developed and pushed to production the entire back end of a CRM application using NestJS.
- Developed the React front end components for documents` pages and group chats of the application, coordinated with the front end team.
- Developed the group chats functionality using WebSocket technology (Socket.io).
- Integrated Google Calendar API for event planning and online meetings scheduling within the application. All meeting participants get a notification email about the scheduled meeting, and it is integrated with their Google Calendar. The meetings can be rescheduled any time by the administrators, which triggers another notification.
- Implemented Google Docs and Google Drive API for documents` templates management and creation. Administrators can create documents using common templates by autocompleting the placeholder data with user`s data from within the application.

Second project:

- Successfully developed and pushed to production the NestJS back end of a bank broker company which has 150 brokers in Romania, in coordination with the front end team.
- Automated an algorithm for the broker`s clients` eligibility for bank loans. The broker`s clients are evaluated based on 230 structured criteria of 13 banks which I summarized in an algorithm that runs in 0.4 seconds.
- Automated the process of banks` offer generation to calculate the loan payment schedule and its other associated data – commissions, payments total, etc.

Third project:

- Developed and pushed to production the NestJS back end of a gym franchise in coordination with the front end team.
- Created a GitHub Actions CI/CD pipeline for both the back end and front end.
- Integrated gym member authentication using generated QR codes.
- Integrated BullMQ message queue for file caching. Frequently used user avatars, gym social media photos and other assets are stored primarily in the cloud, but using this caching functionality, the most frequently used assets are cached in the file system of the servers, reducing cloud storage costs by around 1.100\$ every month.

Applied skills at the company: ReactJS, NestJS, Typescript, SCSS, Git, GitHub, GitHub Actions, NoSQL (Firestore) and SQL (MySQL) databases, message queues (BullMQ), Docker & Docker Compose, Linux, Google APIs.

SKILLS

Front end: ReactJS, Typescript, NextJS, Javascript, SCSS/SASS, HTML.

Back end: NestJS, ExpressJS, cloud technologies (Amazon Web Services, Google Cloud Platform). NoSQL databases (MongoDB, Firestore), SQL databases (PostgreSQL, MySQL), Message Queues (Kafka, BullMQ, RabbitMQ).

Tools: Git & GitHub, Docker & Docker Compose, GitHub Actions & CI/CD pipelines, Visual Studio Code editor and its extensions for workflow optimization, Webpack, Figma.

Soft: Adaptiveness to new technical and team environments proven by working on 3 different big projects throughout my time at the company and with 3 multinational groups of people; teamwork capability proven through being part of a group environment at the workplace, communication, technical problem solving proven through finding and applying the best possible solutions for every assigned task.

CERTIFICATIONS

- 2023 **Amazon Web Services Cloud Practitioner Certification**
Proof of understanding and practical usage of cloud technologies and solutions; cost and performance optimization techniques on the Amazon Web Services platform.
- 2020 **TOEFL IBT English – C1**
Certified support for my extensive knowledge and everyday use of the English language.

EDUCATION AND TRAINING

- 2021 – 2024 **Bachelor`s Degree - Business Information Systems**
“Alexandru Ioan Cuza” University – Iași, Romania
- 2018 – 2021 **High School – Information Technology profile**
“Ion Creangă” Lyceum - Chișinău, Republic of Moldova
- Languages: English – C1;
 Russian – native speaker;
 Romanian – native speaker.