BLAGOI DIMITROV

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EXPERIENCE

Bank Saint Petersburg — St. Petersburg, Russia
Junior Software Engineer (Internship), Internet bank development team — *Oct. 2021 - Dec. 2021*

- Planned the next stages of the move from monolithic architecture to microservices architecture.
- Created a short-term plan for the implementation of new functionality (in cooperation with analysts).
- Testing and debugging of functionality not yet released in production, mock and unit testing (Kotlin, Oracle DB).

Yandex.Cloud — St. Petersburg, Russia
Junior Software Engineer (Contract), Managed Service for Kubernetes development team — *Sept. 2020 - March 2021*

- Analyzed world's best practices for Service Level Agreement (SLA) for cloud services, developed my own SLA for Yandex.Cloud Managed Service for Kubernetes
- Planned calculating Service Level Indicator (SLI), based on the proposed SLA, analyzed the main difficulties of implementation.
- Implemented the SLI calculation in GoLang and integrated it into the source code of the service.

Wärtsilä, production of machinery for the marine and energy markets — St. Petersburg, Russia
Junior Software Engineer (Contract) — *July 2019 - Jan. 2020*

- Studied the basics of vector cartography.
- Implemented vector cartography in C++ and replaced raster cartography in testing environment with it.
- Result: the maps in testing environment have reduced their volume by 70%

EDUCATION

ITMO University, M.S. in Business Informatics — St. Petersburg, Russia
Studying Digital Transformation strategies and technologies — *Sept. 2022 - Aug. 2024*

ITMO University, B.S. in Computer Science and Applied Math — St. Petersburg, Russia
Got a strong mathematical background and the ability to think logically — *Sept. 2018 - Aug. 2022*

PET PROJECTS

Marketplace Of Services
Designed a relational database for an abstract service marketplace — *Jan. 2022*

- Identified subjects, objects and relations between them, created Entity-Relationship Model (ERM) and translated it to Physical Data Model (PDM)
- Implemented a script for creating entities, relationships and filling with data (PostgreSQL).

BoringBooking
Service for table reservation in restaurants. — *Dec. 2021*

- Conducted an analysis of the market for restaurant booking applications.
- Designed the application concept (basing on REST principles) and implemented it.

Let It Charge
Team project: deployment for a network of charging stations for cars. — *May 2021*

- Conducted an analysis of the market for charging stations in Russia.
- Created a business plan of deployment of a network of charging stations for electric vehicles in parking lots in business centers and shopping malls.
- As a leader, I conducted successful negotiations with the management of Okhta Mall on the installation of charging stations.

SKILLS

- **Languages**: English (advanced)
- **Programming Languages**: Python (advanced), C++ (advanced), SQL (advanced), MATLAB (intermediate)
- **Technical skills**: IDEF0, BPMN, eEPC, REST, SOAP, XML, JSON, Relational Databases, ERM, PDM, Mock Testing, Unit–Testing
- **Interests**: Digital Transformation, Automatization, Negotiations, TRIZ(the Theory of Inventive Problem-Solving), Classic wet shaving