Kholodilin Maxim

Email:

kholodilinm@gmail.com

kholodilinm@yandex.ru

GitHub:

github.com/holodnii

Phone:

+ 972 (52) 6201269

+7 (919) 968-08-64

Telegram: @vicecitybaby

About Me

Currently I remotely work as a Back-End NodeJS Developer at Russian IT company called Product Lab. I am also a 4-th year B.Sc. student at HSE University on my academic leave. In November 2021 I completed year-long Developer Professional Training Course by Yandex Praktikum. My total experience of programming is 3+ years, I can program in C++, JavaScript (NodeJS), use Python, also had practice with C#. I am, as well, familiar with cryptography and cybersecurity itself. My future goals are to work on some big projects and improve my hard skills.

Education

HSE (National Research University Higher School of Economics)   Moscow

Business-Informatics   September 2019 – Present Time

Yandex Praktikum   Moscow

C++ Developer   October 2020 – November 2021

Product Lab   Moscow

Agile Certified Professional   September 2022

Work Experience

Product Lab   Moscow

Back-End NodeJS Developer   July 2022 – Present Time

My current responsibilities are - architectural design and back-end of company goal-setting web-service, unit and module testing. To structure our work at company we use such methodologies as Kanban and Google-Okr. Our Tech-Stack and some of the instruments that we use: NodeJS, PostgreSQL (PgAdmin4) + sequelize, git, Postman, JSON, UML, React, Figma.

Hard Skills

1. C++, NodeJS, PostgreSQL+sequilze, Python, Git, SQL, MongoDB, Windows, Postman
2. Wireshark, Nmap, Linux, C#, CMake, Wireshark

Partial Portfolio of Pet-Projects

C++

[City Router](#)
– Software implementation of a city router that builds optimal routes on a map of busses and stops.

[Search Server](#)
– This project is implementation of a non-binary search system which uses fundamental algorithms of filtration and ranging.

[Cryptographic ciphers](#)
– Implementation of cryptographic algorithms and ciphers, such as: RSA, Hill's cipher, Athens' cipher, recurrent encryption.

[Vector](#)
– Two options of vector data structure implementation with different algorithmic difference.

[One time password generator](#)
– Abstract program of one-time password (OTP) scheme.

Python

[Visualization of a salient eye movement](#)
– Software which is built upon few legacy-code projects makes visual representation of predicted salient eye movements on image.

[Soccer ranking tables](#)
– Software, which helps calculate soccer season ranking according to different tie rules.

[Neural Networks](#)
– Software implementation of some non-complex neural networks.

C#

[Appointment control system](#)
– Small desktop app which is created to manage hospital appointments.

Full list of my pet projects, with its extended documentation is available on my [GitHub profile](#)

Languages

- **Russian:** Native Speaker
- **English:** B2-C1 (Independent HSE English Exam)
- **French:** A2 (1 year university course)