

Prudnikov Matvei

Summary

I am a computer technology specialist with experience in system programming, complex web development, technical management, creation and support of applications with a large user coverage and development of many utility applications. Ideally, I am looking for a long-term position in a large technology company or startup, whether it is an individual participant or a semi-managerial role with a high degree of autonomy.

Technical Skills

Domain knowledge	algorithm development, performance improvement, parallel programming, distributed systems, smart contracts, machine learning, web3 applications, computer vision, administration, system programming
Programming languages	C, C++, Python, JavaScript, Bash, C#, Go, Solidity, Fift, FunC, MQL5, WebGL, Objective-C, Swift, PHP
Infrastructure	Ubuntu, Docker, Nginx, Linux, MacOS, Windows
Low-level	x86, Arm, GCC/G++, valgrind
Back-end	Flask, Django, CherryPy, Node.js, PostgreSQL, MySQL, Oracle Database
Build automation	git, Make, CMake, GitHub Actions
Front-end	HTML, CSS
Machine learning	PyTorch, TensorFlow, NumPy, PyTorch Lightning
Other software	Unity, Arduino, STM32, LaTeX, Figma, Doxygen, Matplotlib, Jupyter, OpenCV, systemd, vim, GNU nano, MinGW, thread, MPI, OpenMP, Multiprocessing
Natural languages	English (C2) Russian (native) German (A1)

Development experience



MPC (Web3 Application Ecosystem)

Main Developer February '22 - July '22

- Development of smart contracts for the Ethereum blockchain (Polygon)
- Full Web development including backend and front-end
- Web Application development
- Unity Application Development



Swiss Lab (Medical tests)

Main Developer July '20 - September '20

- Development of the functionality of calling a doctor, operator
- Processing and collecting requests
- Implementation of the API for obtaining analyses
- The rest of the functionality
- Used by more than 4,000 people

I also have more than 20 large projects implemented for customers in 4 years of freelance work. Several projects have been implemented with fellow students for which a grant application has been submitted.

Образование



Moscow Institute of Physics and Technology

Phystech-School of Radio Engineering and Computer Technology 2021 - 2022

Phys Tech was interested in 2020 at VK LabTalks on Curriculum Learning, where employees of the VK laboratory at MIPT performed.

Huawei and Intel departments attracted me to the PRCT. After passing the lectures, it was possible to join the development team of these IT giants. Unfortunately, many companies have closed their departments and I decided to focus on my career, study the necessary disciplines and gain work experience directly in companies.



Financial University under the Government of the Russian Federation

Faculty of Information Technology and Big Data Analysis 2022 till now

Together with fellow students, we have implemented several projects and are developing a web 3 system on the TON blockchain. Several projects have applied for a grant for their development.