Shabanov Aleksandr

Male, 36 years, born on 28 May 1986

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skaamoogs@gmail.com — preferred means of communication

Reside in: Batumi
Citizenship: Russia, work permit at: Russia
Ready to relocate, ready for business trips

Desired position and salary

Frontend developer

Specializations:
— Programmer, developer
Employment: full time
Work schedule: full day
Desired travel time to work: any

Work experience — 12 years

October 2021 — till now
1 year 1 month

Freelance
Arkhangelsk, skaamoogs.netlify.app/

Frontend Developer

I am currently studying frontend development on my own, in particular the React framework. I've finished video course "Complete React Developer", as well as several courses about Python and JavaScript on stepik.org , codecademy, freeCodeCamp.
Acquired skills:
- responsive web design
- algorithms and data structures in JavaScript
- Git version control system
- understanding React concepts (virtual DOM, Unidirectional Data Flow)
- writing class and functional components
- React Hooks
- SASS, styled components to work with CSS
- data transmission through the component tree via the Context API
- state management using Redux and redux-saga library
- asynchronous programming in JavaScript

See portfolio: https://skaamoogs.netlify.app/
See source code: https://github.com/skaamoogs

January 2020 — till now
2 years 10 months

Engineering center Energoservice
Arkhangelsk, www.ens.ru/

Head of control systems and techincal diagnostics department

Energoservice is one of the leading companies in Russia and the CIS countries for the maintenance, repair and commissioning of compressor units for the oil and gas industry, the official distributor of Ariel (manufacturer of reciprocating compressors).

Responsibilities:
1. Department management (4 subordinates). The main functions of the department are:
- performing maintenance, repair and commissioning of instrumentation and control systems for gas

compressor units.
- performing vibration diagnostics of compressor equipment
2. Organization and execution of commissioning works on compressor control systems. Preparation of the executive documentation after commissioning and start-up. Algorithms debugging. Conducting comprehensive test.
3. Programming of controllers Siemens, Allen Bradley, Yokogawa. Configuration of data transmission via Modbus TCP/RTU protocol. Working with Profinet, ControlNet, Hart protocols.
4. Programming of Siemens and Allen Bradley human-machine interface panels.
5. Project management for the modernization of compressor units, the implementation of engineering studies (acoustic study, torsional study).

Achievements:
1. Successful project completion of 2 compressor units modernization (to increase in performance) in Belarus.
2. Successful project completion of vibration diagnostics and acoustic study of 3 compressor units for Rosneft.
3. Development from scratch of the Siemens S7-300 controller program for the compressor unit control system for Rosneft.
4. Control systems for a total of 5 compressor units at 3 different facilities have been successfully commissioned.

June 2017 —
January 2020
2 years 8 months

Engineering center Energoservice
Arkhangelsk, www.ens.ru/

Lead Engineer

Responsibilities:
1. Organization and performance of work on vibration diagnostics of compressor equipment.
2. Performing calculations in the Ariel Performance program.
3. Work with foreign partners (USA, Canada, UK) in the area of engineering studies and vibration diagnostics.

Achievements:
1. Development of the direction of vibration diagnostics of reciprocating compressors (there is an award from the employer).
2. Successful projects completion of vibration diagnostics for a total of 10 compressor units.

November 2010
— June 2017
6 years 8 months

Engineering Center Energoservice
Arkhangelsk, www.ens.ru/

Instrumentation and Control Engineer

Responsibilities:
1. Maintenance, installation, repair, diagnostics and commissioning of instrumentation and control systems of compressor units.
2. Valve positioners configuration and calibration, configuration of frequency converters, PID controllers tuning, calibration of measuring channels.
3. Debugging algorithms for start/stop, loading/unloading of the compressor.
4. Performing commissioning and comprehensive test of compressor unit control systems.
5. Performance of works on modernization of control systems of compressor units.

Achievements:
1. Modernization of the control system of 2 compressor units due to changes in the configuration and operating parameters of the compressor for Gazpromneft. The operator panel (HMI) has been completely replaced and programmed. Corrections have been made to the controller program.
2. The control systems of a total of 10 compressor units have been successfully commissioned.

Education

Higher

2011	**Lomonosov Pomor State University, Arkhangelsk**	
	Management, Public Administration	
2008	**Lomonosov Northern (Arctic) Federal University, Arkhangelsk**	
	Industrial Energy, Automation of Technological Processes and Production (by sectors)	

Professional development, courses

2021	**ESM - Engine System Manager**
	Waukesha Product Training Center, Gas engine control system
2020	**Bentley AutoPipe, Bentley Puls**
	CAD and GIS Institute, Acoustic study performing
2017	**Condition monitoring and diagnostics of machines**
	Northwest training center, Saint-Petersburg, Vibration diagnonstics
2017	**Reciprocating Compressor Vibration - Basic Design Theory and Field Data Collection**
	Wood Group, Canada, Vibration diagnostics of reciprocating compressors
2015	**Mechanincs School**
	Ariel Corporation Training Center, Moscow, Reciprocating compressors
2014	**RUS 1044 RS Logix Intensive**
	VDT-service, Tolyatti, PLC Allen Bradley
2013	**Gas Engine Technology**
	Waukesha Product Training Center, Thailand, Waukesha gas engine technology

Electronic certificates

2022	JavaScript Algorithms and Data Structures
	Responsive Web Design

Key skills

Languages	**Russian** — Native
	English — B2 — Upper Intermediate
Skills	Responsibility Analytical skills React Redux JavaScript Teamplayer

Driving experience

Own car
Driver's license category B

Further information

About me	I have 12 years experience of control engineering (PLC and HMI programming) but now I moved to frontend development. I suppose my background in industrial programming is very useful to

build complex and useful web applications. I like web development, because you can immediately see the result of your work, while you have to solve a lot of technical problems, constantly learn new technologies.

I approach the tasks responsibly, as the reputation of the company depends on it. I know how to work in a team, because result of our work depends on many people not only one person. I am constantly trying to get new knowledge and put it into practice. For example, I have developed a new line of activity in the company: vibration diagnostics. I also have experience in communicating with foreign partners in English, studied in English in Canada and Thailand.