Yukhnovskiy Ilya

Male, 42 years old, born on 18 February 1978

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juhnowski@gmail.com
Skype: iyukhnov

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

Desired position and salary

StartUP Manager /Business(System) analyst / Architect of Cloud Microservices

4 000
EUR

IT, Internet, Telecom
  • Software Development
  • Engineer

Employment: project work, full time
Work schedule: remote working, flexible schedule, full day, shift schedule
Desired travel time to work: any

Work experience — 18 years 10 months

May 2020 — till now
10 months

startuper

analyst / startup manager

SberUP business ideas - BA:
========================
1)SberAtom https://github.com/juhnowski/SberAtom

2)Finteh Integration (MyMuseum) https://github.com/juhnowski/finteh_integration

Quantum nuclear computing (QNC) - StartUP BA/SA/OOA/OOD
========================
1) Quantum calculations on currents inside a packet of an accelerated particle beam
https://github.com/juhnowski/MarkovsChains

2)Use of Ionizing Radiation Sources in Quatum Information Systems
https://github.com/juhnowski/NQCApplication

Analytics projects - BA
========================
1) PSA neuron networks - MedicalAI https://github.com/juhnowski/MedicalAI

2) Agile Next - analysis of business processes in software development
https://github.com/juhnowski/agile_next

3) StartUP for 2021 SberUP's season ArtShare
 https://github.com/juhnowski/art_share

DS Projects + BA/SA/OOA/OOD
========================

1) Ising's DS visulisation https://github.com/juhnowski/DS_Visualisation

2) Weather ETL project https://github.com/juhnowski/weather_backend

UI/UX prototype + BA/SA/OOA/OOD
===========================
1) Startup for business school https://github.com/juhnowski/amonita

2) Startup for 2020 season SberUP https://github.com/juhnowski/burntreatmentdevice

3) Medical startups for SberUP's 2020 seasons :
https://sites.google.com/view/burntreatmentdevice/home
https://sites.google.com/site/telemrt/home
https://sites.google.com/site/dyrodssturtup/home
https://sites.google.com/view/arduino-eeg/home

4) Startups for 2019 SberUP's season
Octopus
Eletric Charge Stations

5) Startups for 2018 SberUP's season
Docophila - Final

Software development projects:
=========================
1) Ising model with various simplifications https://github.com/juhnowski/comp_ph

2) Solving the Schrödinger Equation for Different Variants with Animated Results
https://youtu.be/CR5dHD-8fWY
https://youtu.be/I6Ruy711PzQ
https://youtu.be/CR5dHD-8fWY
https://youtu.be/ejjM4CIL4V4
https://github.com/juhnowski/shred

3)NQC UI frontend prototype - https://github.com/juhnowski/qiskit

4) Startup for 2020 season SberUP SberOkkoTarget
 https://github.com/juhnowski/cv_render

July 2018 — till now
2 years 8 months

Sberbank
www.sbrf.ru

Head of Direction (CIB, CC360)

Developer "My Account"
EFS - Workplace of the Client Manager)
Development of visualization tools for the planning and economic department of the Volga-City opercenter

Organization of internships and training
https://www.youtube.com/watch?v=vrwuEGkuVXQ
Work with contractors
Participation in job fairs and career promotion in IT specialists and hackathon organizations
Microservice and Cloud Architecture Resource Training GoogleCloud, Google App Engine, Google Kubernetes Engine

Startups as part of Sber # UP

Docophila - contextual document search service
A backend for Java, Spring, ElasticSearch with a neural network for recognizing text from Google was developed

Water Ticket Service
Microservice architecture SpringData, SCCS, Spring Cloud, Kafka, Mongo, Zoo, Eureka, Docker, Kubernetes

Docophila 2
Backend - Python, Django, SQLite / PostgreSQL, Sphinx

Court-SMEV3
Software development for the organization of electronic document management at the regional level (Volga Volga Federal District) in SMEV3 between the Regional Court, World Courts, FSSP and PJSC Sberbank

Mobile applications
MWP business intelligence on Kotlin for Android + Javalin
Data Science - Python (NLP) + ElasticSearch (BigData Visualization)
https://www.youtube.com/watch?v=hXqwFchEbGY
https://www.youtube.com/watch?v=4lwqjfWcb6o
https://www.youtube.com/wat ch? v = V3u5haZat58
https://www.youtube.com/watch?v=J8reu0p3GUc

Utility for system administrators
Shop window prototype
Java Installer

Pattern recognition

BPM applications
Tibco, Camunda - simulation of BPM processes for fintech

December 2016 —
July 2018
1 year 8 months

Sbrebank-Technology
Nizhny Novgorod

Head of IT Systems Development

Backend: (Java + Spring) + Frontend: (React Native + Objective-C)
Prototyping / Extra-Project Activities: Clojure, Elasticsearch, Python,
Developed Objective-C training for JS Front End developers - task code on github.

December 2015 —
May 2016
6 months

Individual entrepreneurship / private practice / freelance
Moscow

Project manager

1) Creating an internal JEE system development process
   - tomcat
   - Spring, Hibernate, JPA, EJB, JSP, REST, XML, JDBC, Freemarker
   - Implementation of Jenkins, GitHUB
2) OOA / OOD management system
   - C, Java, Python, JavaScript
3) Ethernet protocol development
   - http://synchrocom-proto.com/

March 2012 —
February 2014
2 years

Folio-auto LLC
Moscow

Head of IT

Project management (IT component) in several areas:
- online game development (Backend - Java, FrontEnd - WebGL + JavaScript)
- robotic complex
- data monitoring in a complex human-machine system
- development of a system for monitoring fast realtime processes
C, C ++, Java, Python + Math + Physics

July 2011 — February 2012 8 months	**Буревестник, ОАО ЦНИИ** Nizhny Novgorod, www.burevestnik.com Business Analyst Analysis of the ministry's requirements for new weapons, development of business requirements and requirements for system integration of contractors' products Development of a scientific library for the calculation of ballistics C, C ++, GSL Development of architecture and prototype control system
May 2010 — June 2011 1 year 2 months	**LLC Teleka (Kyocera, Samsung, Verizon)** Nizhny Novgorod Leading Software Engineer Kyocera Wirless - Contour, FrameworkView Samsung - work at the customer in Korea, bug fixing Linux, Android, Nvidia drivers Verizon - Android Customization
March 2010 — May 2010 3 months	**Мера НН** Nizhny Novgorod IT engineer writing demos for Nortel call center
December 2009 — February 2010 3 months	**ЗАО "АЦЭТП"** Nizhny Novgorod Programmer Writing a workflow system for the Federal Antimonopoly Service C # MSSQL
August 1999 — May 2009 9 years 10 months	**Shield LLC, Kond LLC, Kont LLC** Nizhny Novgorod Oblast по совместительству Design, development, conclusion of contracts, installation and commissioning of several generations of an enterprise access control system and video surveillance systems. The developed product is installed at private and state enterprises of Nizhny Novgorod, Kirov, Chuvash, Vladimir, Moscow region.
November 2007 — February 2009 1 year 4 months	**FORUS Bank CJSC** Nizhny Novgorod, www.forusbank.ru Front Office Project Manager Maintenance of ABS "BISKVIT", writing scripts on 4GL, design and development of front-office for lending on J2EE Weblogic (document management, credit history, CRM)
July 2003 — November 2007 4 years 5 months	**ООО "Тэлма" (Motorola, Vodafone, TIM)** Nizhny Novgorod software engineer, marketing specialist

Java, at the time of dismissal, a marketing specialist in the Motorola department (Italia, Turin).
The work consisted of analyzing the current state of the mobile technology market and writing requirements for new products, taking into account available resources at two Russian sites (St. Petersburg and Nizhny Novgorod).
Practical knowledge of CMM and CMMI.

Motorola design and development API:
- J2ME Multimedia Player API
- J2ME SyncML API
- J2ME Push to X
- MSRP
- Aplex JVM - support
- Platforma 2000, JVM development
- P2k support, Java App from e380 to RAZR
Vodafone - customization of Motorola phones:
- J2ME Screen Saver
- J2ME Vodafone Extension Framework
TIM support for third party developers:
- Turbo Call - music content distribution, DRM.

August 2001 — July 2003 2 years	**Petrocommerce, Commercial Bank** Nizhny Novgorod, www.pkb.ru

Chief Specialist

ABS support RS-Bank, Diasoft client-bank, design and development of specialized software.

September 1999 — August 2001 2 years	**OJSC "Afrikantov OKBM"** Russia

Engineer

Development of a probabilistic safety analysis program

Education

Higher

2001	**Нижегородский Государственный Технический Университет** Ядерные реакторы и Энергетические Установки, магистр техники и технологии по направлению техническая физика
1999	**Нижегородский Государственный Технический Университет** Дополнительного образования, Информационный менеджмент

Professional development, courses

2021	**JOHNS HOPKINS UNIVERSITY** Coursera, The R Programming Environment
2020	**IBM** Courcera, Coursera, Programming a Quantum Computer with Qiskit - IBM SDK
2020	**University of Geneva** Courcera, Particle Physics
2020	**Гонконгский университет науки и технологий** Courcera, Business English: Basics

2019	**JOHNS HOPKINS UNIVERSITY**
	Coursera, Building a Data Science Team

2019	**University of Illinois at Urbana-Champaign**
	Coursera, Cloud Computing Applications, Part 2: Big Data and Applications in the Cloud

2019	**University of Illinois at Urbana-Champaign**
	Coursera, Data Visualization

2019	**University of Maryland, College Park**
	Coursera, Криптография

2019	**Google Cloud**
	Coursera, Reliable Cloud Infrastructure: Design and Process

2019	**Google Cloud**
	Coursera, Building Scalable Java Microservices with Spring Boot and Spring Cloud

2019	**Google Cloud**
	Coursera, Reliable Cloud Infrastructure: Design and Process

2019	**Google Cloud**
	Coursera, Architecting with Google Kubernetes Engine

2019	**Google Cloud**
	Coursera, Architecting with Google Kubernetes Engine: Production

2019	**Google Cloud**
	Coursera, Architecting with Google Kubernetes Engine: Workloads

2018	**Google**
	Сбербанк, Бизнес Класс (бизнес моделирование, маркетинг, исследование рынка и потребительского поведения, продажи и управление сервисом.)

2015	**Методы тестирования QTest**
	НИИТ, свидетельство о дополнительном профессиональном образовании

2014	**Промышленный сетевой протокол Ethernet Power Link**
	МИРЭА, повышение квалификации

2012	**Efficient development with CoDeSys V3**
	PROLOG, training course

2011	**Язык визуализирования (UML)**
	НИИТ, свидетельство о дополнительном профессиональном образовании

1997	**Информационный менеджмент**
	Нижегородский Государственный Технический Университет, специалист

Key skills

Languages	Russian — Native
	English — B2 — Upper Intermediate

Skills	

Java   UML   Spring Framework   SQL   JavaScript   Linux   Android   Kotlin
PowerShell   Bash   REST   Системный анализ   Python   Objective-C
MongoDB   ElasticSearch   Kibana

Driving experience

Own car
Driver's license category B

Further information

About me

I propose to join the joint startup to the SberUp accelerator

My career as a startup and inventor began at the institute and continues to this day. Four times winner of a personal Khariiton's scholarship, participant of 4 seasons of SberUp, was the founder of several start-up projects: J&K Softlabs, Odacon, Phreebie

The success of my startups is guaranteed by a deep IT background.

Analyst skills: UML,BPM(BPMS,Camunda,Tibco),RUP, Jira, Confluence, IBM Rational (DOORS, ROSE), MS Visio
Methodology: Agile/Scrum
DS: R-studio, Tableau

Cloud

Docker, Kubernetes, Kafka, Cloud Pub / Sub, Bigtable, Cloud SQL, App Engine

C/C++Stack

Conan - package manager
RabbitMQ - messaging
JSON - message format + sha256 encryption
OpenCV - analysis and processing of decoded frames
ffmpeg / libav - encoding, decoding video streams
git - version control
python - system tests
googletest - unit tests
cmake - build the project
C ++ - 14, plans to skip 17 and go to 20
active use of algorithm, stream, multithreading
now refactoring to FP style
experience with cuda and assembler

JVM Stack

Spring Boot, Spring Cloud, Spring Secure, Spring Data, Spring MVC
BEA WebLogic, Payara, Google Cloud Platform,
Clojure
Kotlin (Android)

NoSQL Stack

Firebase
Elastic(Kibana)
MongoDB

XML,XSD,WSDL

SQL Stack

Oracle,
Postgres,
MySQL,
Microsoft SQL Server
Progress(4GL)
SQLite

Python

Django
SciPy
NumPy
....

Functional Stack

Haskell
Mercury
R-lang