Aliaksei (Alexey) Saskevich @asaskevich

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GitHub: https://github.com/asaskevich

Keywords:	Fullstack, Kotlin, JavaScript, TypeScript, Node.js, Java, Spring, Web Technology, Mobile Development, AI, Computer Science, Data Science, Data Analysis and Machine Learning, Blockchain, Bots

Experience:	* 11+ years of commercial experience
	
	CTO/Fullstack Software Engineer - Sequoia (Aug 2021 - now)
	    Developing backend part based on Kotlin, Spring, Webflux, MongoDB, DigitalOcean
	    Performing technical and devops-tasks
	    Managing technical infrastructure and taking part in technical side of product

	Lead Software Java Engineer - DevTeam Group (Jan 2022 - now)
	    Developing backend-application based on Java, Spring, AppEngine, Google Cloud Services
	    Leading the team of backend developers

	Software Java Engineer - Gem4me (Mar 2018 - Jan 2022) Developing backend-application based on Java, Spring, AppEngine, Google Cloud Services

	Fullstack JavaScript/TypeScript/Java Engineer - Synesis (Dec 2017 - Mar 2018)
	    Developing bots and web-applications based on Node.js, TypeScript, Google Cloud Services, Mocha, React and Vue.js
	    Developing backend-application based on Java, Spring, AppEngine

	Fullstack JavaScript Developer - XB Software Ltd. (Nov 2014 - Dec 2017)
	    Developing web-applications based on Node.js, Backbone.js, ECMAScript, MySQL, MongoDB, Redis, Marionette.js, etc
	    Developing Android application based on Java, ReactiveX, Retrofit, etc as a part of web-application

Education:	**Belarusian State University of Informatics and Radioelectronics (2019 - 2022)**
	    Faculty of Computer Systems and Networks
	Degree:
	    Post-Graduate Degree

	Belarusian State University of Informatics and Radioelectronics (2017 - 2019)
	    Faculty of Computer Systems and Networks
	    Second degree at Processing of Large Amounts of Information
	Degree:
	    Master's Degree
	Graduated as:
	    Master of Computer Science and Engineering
	Theme of dissertation:
	    Applying smart-contracts to create a single patient registry

	Belarusian State University of Informatics and Radioelectronics (2013 - 2017)
	    Faculty of Computer Systems and Networks
	    First degree at Information Technologies Software
	Got:
	    Diploma with honors
	Degree:
	    Bachelor's Degree

	Graduated as:
	    Engineer-System Developer
	Theme of diploma:
	    Tool of social network analytics

Languages:	Russian (native speaker)
	Belarusian (native speaker)

	English (Pre-Intermediate to Upper-Intermediate, B2 according to EF Certification)
	    Reading: can understand long and complex factual and literary texts
	    Writing: can write clear, detailed text on a wide range of subjects
	    Listening: can understand the main points of clear standard speech on familiar matters regularly encountered in work, school, leisure, etc
	    Speech: can present clear, detailed descriptions on a wide range of subjects

	French (Elementary, A2 according to CFG Certification)
Side projects:	● MacOS app Iconator: Icon Set Maker (Swift): https://apps.apple.com/iq/app/iconator-icon-set-maker/id1553453880 　　○ **Technology**: Swift ● iOS/MacOS app TuneHertz: music instruments tuner (Swift): https://apps.apple.com/iq/app/tunehertz-chromatic-tuner/id1597107926 　　○ **Technology**: Swift, SwiftUI ● iOS app Timmy: Pomodoro and time tracker (Swift): https://apps.apple.com/iq/app/timmy-time-pomodoro-tracker/id1597449008 　　○ **Technology**: Swift, SwiftUI ● iOS app TenThousandTsumego - problems for Go/Baduk/Weiqi game (Swift): https://apps.apple.com/iq/app/ten-thousand-tsumego/id1665661635 　　○ **Technology**: Swift, SwiftUI ● Library govalidator (Go): https://github.com/asaskevich/govalidator **(5.6k+ stars)** 　　○ **Technology:** Go, unit-testing, CI ● Library EventBus (Go): https://github.com/asaskevich/EventBus **(1.7k+ stars)** 　　○ **Technology:** Go, unit-testing, CI ● Library requorm.js (JavaScript): http://asaskevich.github.io/requorm.js/ 　　○ **Technology:** JavaScript, qUnit, Github Pages, npm, bower ● Library binario (Python): https://github.com/asaskevich/binario 　　○ **Technology:** Python, PyPI, unittest ● Android game Flappy Montgolfiere (Java): https://play.google.com/store/apps/details?id=com.FortPinnsvin.fallingman.android 　　○ **Technology:** Android, Java, LibGDX, Google Play Console ● Web-service yo-journey (Go): http://travel-wth.herokuapp.com 　　○ **Technology:** Go, Heroku, OAuth, Google Maps API ● Mod SmartCursor for the game Minecraft (Java): 　　○ https://www.curseforge.com/minecraft/mc-mods/smartcursor 　　○ **Technology:** Java, OpenGL, reverse engineering
Recent projects:	● Web-site for managing kicker tournaments between small teams 　　○ **Time of working:** Nov 14 - Jan 15 　　○ **Technology:** Node.js, MongoDB, Backbone.js, Socket.io 　　○ **Role:** Fullstack JavaScript Developer 　　○ **Responsibilities:** Partial Architecture Development, Frontend Development, Backend Development, Maintenance ● Web-tool for design and generating CSS on-the-fly 　　○ **Time of working:** Jan 15 - Mar 15 　　○ **Technology:** Node.js, MongoDB, jQuery, JavaScript, Grunt, Gulp 　　○ **Role:** Fullstack JavaScript Developer 　　○ **Responsibilities:** Partial Architecture Development, Frontend Development, Backend Development, Maintenance

	- Web-service for cross-posting and social media analytics, social media tool **Time of working:** Mar 15 - Jun 17 **Technology:** Node.js, Marionette.js, MySQL, MongoDB, Redis, Backbone.js, Social Networks API (VK, Facebook, Twitter, Google+, Telegram, Instagram and others), Grunt, Gulp **Role:** Fullstack JavaScript Developer **Responsibilities:** Architecture Development, Frontend Development, Backend Development, Maintenance - Android application as a part of web-service for cross-posting **Time of working:** Dec 16 - Feb 17 **Technology:** Android, Java, ReactiveX, Retrofit, Instagram API **Role:** Android Mobile Developer **Responsibilities:** Architecture Design, Backend Development, Mobile Development, Maintenance - Web-service for managing projects with help of Gantt charts **Time of working:** Jun 17 - Dec 17 **Technology:** Node.js, MySQL, JavaScript, Webix, DHTMLX, MySQL, Gantt Charts, Grunt, Gulp **Role:** Fullstack JavaScript Developer **Responsibilities:** Partial Architecture Development, Maintenance, Frontend Development, Backend Development - Chat-bots to manage logistical flows **Time of working:** Dec 17 - Mar 17 **Technology:** Node.js, Google Cloud, Koa.js **Role:** Backend JavaScript Developer **Responsibilities:** Backend Development, Maintenance - Chat-bots to support and manage marketspace inside of messenger application **Time of working:** Mar 17 - Sep 17 **Technology:** Node.js, Google Cloud, Koa.js **Role:** Backend JavaScript Developer **Responsibilities:** Backend Development, Maintenance - Messenger application **Time of working:** Sep 17 - now **Technology:** Java, Kotlin, Spring, Spring Data, Spring WebFlux, Google Cloud, Vue.js, Redis, PostgreSQL **Role:** Java Developer / Lead Java Developer **Responsibilities:** Architecture Development, Maintenance, Frontend Development, Backend Development, Team Leading
Volunteers:	- Exercism.io (July 2019 - Dec 2019) - Reviewing JavaScript/TypeScript solutions of other students

Presentations:	«Multithreading in JavaScript», 4front #6, Minsk (April 2015).
	    Video: https://youtu.be/zqpfmHCiLaQ
	    Slides: http://slides.com/asaskevich/deck#/

Certifications:	EF SET English Certificate - B2 Upper Intermediate https://www.efset.org/cert#HA34KC Node.js Mail.ru Certificate - 80% score https://certification.mail.ru/certificates/147e25c0-5389-4101-831c-ffca6693f60a/en/

Courses:	Imaguru Blockchain School Fall 2017 (Fall 2017)
	    Getting basic technical, security and economic knowledges in blockchain/cryptocurrency fields, programming experience and understanding of technologies adjacent with blockchain development
	
	Ethereum Blockchain Developer: Build Projects Using Solidity (Spring 2018)
	    https://www.udemy.com/certificate/UC-5VZI21WN/

	Programming on Go language (Summer 2020) https://stepik.org/cert/672822

Scientific activity:	● **"**Solving tasks related to the assessment of the reliability of the encryption algorithms" (2014)
	● "Security research of Java and .NET software platforms" (2015)
	● "The problem of speed control for one model of viral infection in the network" (2015)
	● "Research cryptographic platform features of Node.js, Python, Go" (2016)
	● "Application of blockchain and smart-contracts in health care" (2018)
	● "Hyperledger blockchain platform in healthcare" (2019)
	● "Digitalization in the sphere of health care" (2019)
	● "Current directions of blockchain projects in healthcare" (2019)
	● "The use of smart contracts to create a unified register of patients" (2019)
	● "Machine learning algorithms in foreign language learning applications" (2019)
	● "Detecting objects in images using the tensorflow framework" (2019)
	● "Machine learning algorithms in distance information educational systems" (2019)
	● "Collection and processing of data for the educational system" (2019)
	● "Collection, processing and analysis of data for the educational system" (2020)
	● "Organization of security in educational systems" (2020)
	● "Assessing the quality of educational material through data analysis techniques" (2020)
	● "Game theory as a visualization tool for machine learning" (2021)
	● "Implementation of machine learning in blockchain systems" (2021)
	● "Determination of mitm-attacks (man-in-the-middle) through machine learning" (2021)
	
	* Those works were published by the university and originally written in russian
	   - https://www.researchgate.net/profile/Alexey-Saskevich
	   - https://scholar.google.com/citations?user=wZjh9c4AAAAJ

Hackathons:	● What The Hack #1 (Minsk, 2014) ● What The Hack #2 (Minsk, 2015) ● BitCup (Minsk, 2014) ● Pirate Summit (Cologne, 2016) ● Climathon Minsk (Minsk, 2017)
Interested In:	web technology, data science, cryptography, cryptocurrency, blockchain, security science, data analysis, machine learning, big data analysis, internet of things, bots
Birthday:	24 January 1996 - 29 y.o.
Contacts:	● Email: asaskevich@yandex.com aliaksei@sequoia.health ● LinkedIn: https://linkedin.com/in/asaskevich ● GitHub: https://github.com/asaskevich