# Alexandre Katenin

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**Skype**: etcargo\_chief\_1

LiveJournal: https://aedit.livejournal.com/
Download: https://k4t3n1n.netlify.app/
k4t3n1n082021.netlify.app (Novo)
GitHub: https://github.com/killeralex/cvpt/

Janeiro 2022



Evneviêncie lebevel

PALAVRAS-CHAVE: Aeroespacial e Defesa, Análise de Sistemas, Analista de Sistemas, Astra Linux, Automação de Petróleo Transporte de Produtos, C#, Central de Ajuda, Comunicações de Plataforma Aberta (OPC), Contabilidade Operacional e Comercial de Produtos Petrolíferos, Delphi, Engenheiro de BI, Inteligência de negócios, Engenheiro de DevOps, Engenheiro de Software, Engenheiro de Testes, GitLab, IBM MQ, Jenkins, Jira Service Desk, Jira Software, MATLAB, Métodos Matemáticos em Navegação, Operações de Transporte de Produtos Petrolíferos, ORA, P&D, PhD, QA, Qt, Sistema de Controle de Processo Automatizado, SmartGit, Tecnologia da Informação, TestComplete

KEYWORDS: Aerospace and Defense, Astra Linux, Automated Process Control System (APCS), Automation of Petroleum, Product Transportation, BI Engineer, Business Intelligence (BI), C#, Delphi, DevOps Engineer, GitLab, IBM MQ, Information Technology, Help Desk, Jenkins, Jira Software, Jira Service Desk, MATLAB, Mathematical Methods in Navigation, Open Platform Communications (OPC), Operational and Commercial Accounting of Petroleum Products, ORA, Petroleum Product Transportation Operations, PhD, R&D, SmartGit, Software Engineer, Systems Analysis, Systems Analyst, TestComplete, Test Engineer, QA, Qt

Educação			
Universidade Técnica Estadual Bauman Moscovo	(Feb. 2013 – Jun. 2015)		
Modelagem Matemática FN-12, sem diploma	Moscovo		
Curso relevante: C#, MATLAB			
Universidade Militar do Ministério da Defesa da Federação Russa	2010		
Faculdade de Línguas Estrangeiras	Moscovo		
Faculdade de Reciclagem e Educação Continuada			
Curso relevante: Estudos de tradução (Inglês)			
Academia Militar do Ministério da Defesa da Federação Russa	(Set. 2005 – Jul. 2007)		
Faculdade do Serviço Diplomático	Moscovo		
Geografia regional (Japão, EUA)			
<b>Doutorado</b> (PhD), 27.05.2004 (KT №143946 25.03.2005)	2004		
Centro de Informação Estrangeira do Ministério da Defesa da Federação Russa	(Set. 1998 – Jun. 2003)		
Curso de pós-graduação militar	Moscovo		
Geografia regional (EUA)			
Academia Militar de Engenharia Aeroespacial em homenagem a A.F. Mozhayskiy	(Set. 1992 – Jun.1997)		
Suporte matemático para o funcionamento de sistemas de controle automatizados	São Petersburgo		
(Engenharia matemática)			
Engenheiro de Matemática com honras (ABC № 0007247)			
CGPA: 4.98/5.0			
Curso relevante: quantização vetorial de imagens para fins especiais			
Ginásio de Física e Matemática № 30	(Set. 1990 – Jun.1992)		
A № 430571	São Petersburgo		
CGPA: 4.6/5.0			

Work experience (23 years – 1992-1997-2019-2013): R&D, Teaching (Mathematical methods in navigation, Chair					
ngineer, Systems Analyst –					
(Out. 2021 – <b>tempo</b>					
presente)					
Moscovo					
(Out. 2020 – Agosto					

	2021)
rede definida por software (SDN), Virtualização de funções de rede (NVF), trabalho de	2021)
pesquisa; Moscovo	Moscovo
Pesquisador/líder de desenvolvimento IGLS LLC/UKV	(Jul. 2020) São Petersburgo
Contribuição pessoal:  1 plano de desenvolvimento de projetos de TI foi criado	Sao Petersburgo
2 um Trabalho Técnico para o site do departamento de TI da gestão empresa foi desenvolvida	
3 as seguintes soluções arquitetônicas em estoque e projetos de iniciativa da IGLS LLC são	
proposto	
<ul> <li>arquitetura e soluções patenteáveis para controle remoto e monitoramento de uma rede de dispositivos IoT</li> </ul>	
– programa de desenvolvimento para <b>centros situacionais</b> do fabricante e do cliente	
- programa de treinamento e certificação para o cliente, revendedor e fabricante pessoal	
Engenheiro de Processos Sênior – Grupo de DevOps, <b>InfTeh Ltd</b>	(Março 2018 – Nov.
Automação do transporte de derivados de petróleo	2019)
Responsabilidade: Engenheiro de DevOps (PIPELINE: Jira Software, GitLab, Jenkins, QA),	Moscovo
Engenheiro de Suporte Técnico (Automated accounting system of petroleum, Jira Service	Woscovo
Desk), Administrador de banco de dados (ORA), Administrador de aplicativos corporativos	
(IBM MQ, OPC), Engenheiro de BI e Analista de Sistemas (carregamento de produtos	
petrolíferos em tanques de carros, contabilidade operacional e comercial de produtos	
petrolíferos, operações de transporte de produtos petrolíferos, dados operacionais de duas	
horas), Engenheiro de SoftDev (Delphi, SmartGit), Engenheiro de testes (TestComplete)	
Analista Sênior	(Fev. 2018 – Março
Departamento de Sistemas de Informação Gerencial, InfTeh Ltd	2018)
Automação do transporte de derivados de petróleo	Moscovo
Projetos e atividades de pré-projeto, análise de requisitos do cliente para expansão do	1,10500
funcionalidade dos sistemas de informação, requisitos para desenvolvimento, teste,	
documentação e implementação de sistemas de informação	
Pesquisador Sênior	(Nov. 2017 – Fev. 2018)
Departamento de P&D nº 3, Instituto de Pesquisa (Pesquisa de Logística do Sistema Militar	São Petersburgo
do Forças Armadas da Federação Russa), <b>Academia Militar de Logística</b>	
P&D (GOST RV), Engenheiro de SoftDev (RAD Delphi, MVS C#/C++), simulação de	
combate, sistema automatizado de gestão logística, construção automatizada de um plano	
gráfico para transporte ferroviário operacional e de abastecimento	
Pesquisador líder	(Abr. 2016 – Out. 2017)
Centro Científico e Técnico № 2, Instituto de Pesquisa de Comunicação e Sistemas de	Moscovo
controle	
P&D (GOST RV), Engenheiro de SoftDev (RAD Qt, Astra Linux), simulação de combate	
(projetos de P&D de nível operacional e tático), Gestão Automatizada de Comunicação	
Sistema	
Vice-Diretor Geral de Ciência (CEO (R))	(Out. 2013 – Set. 2015)
Centro de Pesquisa e Testes da Indústria de Foguetes e Espaço	Peresvet
P&D	
Editor	(Nov. 2011 – Sep. 2013)
Military Industrial Courier (VPK) Weekly, Publishing House VPK-Media	Moscovo
Associate Professor	(Sep. 2016 – Aug. 2018)
Department of Navigation, MSAWT	Moscovo
Mathematical methods in navigation	
Head of department	(Sep. 2015 – Sep. 2016)
Department of Navigation, MSAWT	Moscovo
Associate Professor	(Sep. 2008 – Sep. 2015)
Department of Navigation, MSAWT	Moscovo
Application of the theory of random processes in navigation	
Head of R&D Department Assistant	(Jul. 2007 – Dec. 2015)
Technical Information Center of the Ministry of Defense of the Russian Federation	Moscovo
R&D, cataloging, UAV	
Student	(Sep. 2005 – Jul. 2007)
Military Academy of the Ministry of Defense of the Russian Federation	Moscovo
Regional geography (Japan, USA)	
Head of R&D department Assistant	(2004 – Sep. 2005)
Technical Information Center of the Ministry of Defense of the Russian Federation	Moscovo
Information systems design	

Senior Engineer	(2000 - 2004)
Technical Information Center of the Ministry of Defense of the Russian Federation	Moscovo
Scientific and technical support R&D projects	
Adjunct (Student)	(Sep. 1998 – Jul. 2003)
Foreign Information Center of the Ministry of Defense of the Russian Federation	Moscovo
Postgraduate military course	
Regional geography (USA)	
Engineer	(Jun. 1997 – 2000)
Technical Information Center of the Ministry of Defense of the Russian Federation	Moscovo
SoftDev (RAD Delphi), DBA (Informix, Paradox), Microsoft Office Full	

### **Habilidades**

Computer: MATLAB, LaTeX, Microsoft Office, C#, Delphi, ORACLE

Analytical: R&D (GOST RV), Automation of petroleum product transportation

Languages: Russian (Native Speaker), English B1, Japanese (Level 4 of the Japanese-Language Proficiency Test,

02.02.2008, № 4A221642, 07\*7270101-40001), Português A2

### **Publicações e Patentes**

59 publications, including 6 pubs (5 computer programs and 1 utility model) in Federal Institute of Industrial Property (FIPS, ROSAPO) and 6 patents, Hirsch Index 2 (06.12.2018)

### **Interesses**

Math modeling, combat simulation, SoftDev and gamification (Delphi, C#, etc), DevOps (K8s in perspective), doctoral dissertation «Methodology for the rational design of tactical modeling systems for the Navy» in progress, applications of the Net-centric warfare (NCW) theory for the armed forces

### **Perspectiva**

- 1 Desenvolvimento de software em pilhas Java/Scala/Kt e ELK (\*nix)
- 2 Faça sem um programador frontend na pilha ELK devido ao banco de dados embutido
- 3 Solução de escolha: AWS/AWS IoT

#### **Prêmios**

Annual competition Award 2007 «Research work in the field of navigational support for military operations of	2008
the Navy»	
The State Research Navigation-Hydrographic Institute (GNINGI) of the Ministry	

# The State Research Navigation-Hydrographic Institute (GNINGI) of the Ministry of Defense of the Russian Federation

Blockhouse project, Order of the Head of GNINGI № 100, 06.05.2008

Medal «For the best scientific student work-1997»

1997

#### Ministry of General and Professional Education of the Russian Federation

Open competition for the best scientific work of students in natural, technical and human sciences in universities of the Russian Federation, 27.12.1997

Ensinando experiencia

Moscow State Academy of Water Transport (MSAWT)	Moscovo
Associate Professor, Department of Navigation	(Sep. 2016 – Aug. 2018)
Mathematical methods in navigation to about 90 students	
Head of department, Department of Navigation	(Sep. 2015 – Sep. 2016)
Associate Professor, Department of Navigation	(Sep. 2008 – Sep. 2015)
Application of the theory of random processes in navigation to about 60 students	

# **Dados pessoais**

Date of birth: 04 September 1975. Russian Federation

Objective: Information Technology, Automated Process Control System, Automation of Petroleum Product

Transportation

Relocation Preferences: Moscow, Saint Petersburg, Helsinki, Barcelona

**Schedule**: flexible schedule; full day; shift work; distant work **Misc:** Category B Driving License. Business trips are possible.

Geographic Mobility: Permanent Relocation/Temporary Assignment – Finland, Spain, Germany, Czechoslovakia,

USA, Russia (Moscow, Saint Petersburg)

Competencies: APCS (Automation of Petroleum Product Transportation), Automated Command and Control Systems

(C4R), combat simulation, decision support system, mathematical methods in navigation, R&D

**Technology stack:** DevOps Engineer (PIPELINE: Jira Software, GitLab, Jenkins, QA); Technical Support Engineer (Automated accounting system of petroleum, Jira Service Desk), DB Administrator (ORA), Enterprise Applications Administrator (IBM MQ, OPC), BI Engineer and Systems Analyst (loading oil products in car tanks, operational and commercial accounting of petroleum products, petroleum product transportation operations, two hour operational data), SoftDev Engineer (Delphi, SmartGit), Test Engineer (TestComplete)

# **Encontros e certificados**

Zifeonti ob e coi tiffcadob	
Master class «Por que Scala 3 é a melhor linguagem», Centro de Treinamento em Informática	Moscovo Jan. 2022
«Especialista» na Bauman MSTU, 10.01.2022	
CCNA Segurança de rede Cisco, Especialista, 04.12.2021 – 25.12.2021	Moscovo Dec. 2021
CCNA 7.0 Roteamento e comutação Cisco, Especialista, 12.09.2021 – 28.11.2021	Moscovo Nov. 2021
Seminário «Exemplo de uso da Web Storage API», Especialista, 26.08.2021	Moscovo Aug. 2021
Português, A 2.1, Centro de língua e cultura portuguesas, 04.10.2021–20.12.2021	Moscovo Dec. 2021
Português, A 1.2, Centro de língua e cultura portuguesas, 25.05.2021–06.08.2021	Moscovo Aug. 2021
Português, A 1.1. Centro de língua e cultura portuguesas, 02.02.2021–16.04.2021	Moscovo Apr. 2021

Intensivo «Java para inicia	ntes», GeekBrains, № 0711049, 25.01.2020	Moscovo Jan. 2020				
Intensivo «Python para inic	Moscovo Jan. 2020					
Intensivo «Noções básicas	de programação», GeekBrains», № 0710472, 24.01.2020	Moscovo Jan. 2020				
Intensivo «Swift para inicia	ntes», GeekBrains, № 0709789, 22.01.2020	Moscovo Jan. 2020				
Intensivo «C# para iniciant	es», GeekBrains, № 0709763, 22.01.2020	Moscovo Jan. 2020				
Intensivo «Webdesign para	iniciantes», GeekBrains, № 0708439, 20.01.2020	Moscovo Jan. 2020				
Intensivo «Noções básicas	de webdesign», GeekBrains, № 0708265, 19.01.2020	Moscovo Jan. 2020				
The Dawn of a New Error with Phil Nash (guest), JetBrains, 21.01.2020  São Pet. Jan. 2020						
SpbDotNet № 56 (guest), JetBrains, 16.01.2020 São Pet. Jan. 2020						
Referências	Referências					
Interim Head of the Technical Information Center MajGen.	chnical Information language skills, however, he agrees to be fired for organizational activities and has expressed a desire to receive additional education at the Military University of the Ministry of Defense of the Russian					
Doctor of Technical Sciences, Professor	Sor Center of the Ministry of Defense of the Russian Federation. Area of interests – USA.					
G. Kuzmin	In 2005 – 2007 he studied at the faculty of the diplomatic service of the Military Academy of the Ministry of Defense of the Russian Federation, expelled. The country of specialization is Japan. He speaks English and Japanese (English is a two-year program without a certificate, Japanese is a JLPT4					

certificate). He has 2 state registration certificates for computer program (FIPS)».

«Fully meets the requirements for specialists in information and analytical activities.

# Referências adicionais estão disponíveis mediante solicitação

team».

CEO

Z. Gurieva

Publishing House VPKMedia

rev. 10.01.2022

Knowledge of weapons and military equipment, high efficiency, responsibility, ability to work in a

18.01.2010

14.10.2013

	101.10.01.2022			<u> </u>			
	Network engineer	CCNA	$\bigstar$	*	*		
Network	SDN/NVF	elementar	*		$\triangle$		$\triangle$
Network	S-Mesh	elementar	*				☆
	Cloud	elementar	*	$\triangle$	$\triangle$		$\triangle$
	Virt	elementar	*	$\triangle$	$\triangle$	$\triangle$	$\triangle$
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OpenSource		elementar	*	$\triangle$	$\triangle$	$\Diamond$	$\Diamond$
DB	SQL (ORA, PSQL)	média	*	*	*	1	$\Diamond$
	NoSQL	elementar	*		$\Diamond$		$\Diamond$
Brockers (MQ)	True MQ, Kafka, Redis	elementar	*	1	☆	☆	☆
	С	média	*	*	1	$\Diamond$	$\Diamond$
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	Go	elementar	*			$\triangle$	$\Diamond$
	Java	elementar	*	$\triangle$	$\triangle$		$\Diamond$
	Object Pascal (Delphi)	média	*	*	*	1	$\Diamond$
	REST, gRPC	elementar	*	$\Diamond$	$\Diamond$		$\Diamond$
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	Jenkins	elementar	*			☆	☆
QA	Jira	média	*	*	*	☆	☆
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Languages	JP JLPT4 (2008)	elementar	*			₩	₩
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## VI PILHA DE DESENVOLVEDOR PROSPECTIVO (PILHA DE ENGENHEIRO - AWS/AWS IOT, OpenShift)

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