George
Shagov

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COVER PAGE

PROFILE	
	• Over 20 years of experience in IT / C++
	• Over 15 years experience in Investment Banking (IB) IT
	• Over 5 years experience in IBIT Management

SKILLS

- Technical
  - Environment: primarily Linux, server middle-ware
  - Programming languages: C++17,20/Linux/Perl/Bash/VIM/git/Perl/MySQL/ Python/Java/JS/PostgreSQL/block-chain/Ethereum/Bitcoin/ Cryptography/Security
- Management:
  - Strong communication skills
  - [in ITIL® terms] full Service Life Cycle management, :
    - SS (incl client facing, biz/tech risk analysis); • SD (incl SLA, SLR, Portfolio); • ST (SACM, CMDB, Chg Mgmt, R&D); • SO (partly, second and third line support); • CSI (metrics, SIP);

KEY EXPERIENCE

- May 2018 – September, 2019 – LATOKEN, C++ HFT Lead
- December, 2008 – May 2018; UBS AG, Msk, RU. C++ Lead, IBIT Solution Owner
- October 2003 – July 2007; Deutsche Bank, Msk, RU. C++ Lead
- February 2002 – June 2003; Scala Business Solutions N.V.; Msk, RU. C++ IT Software Engineer
- July 2000 – November 2001; Emplifi Inc. USA. C++ IT Software Engineer
- July 1998 – July 2000; VDI Inc; Moscow, RU. C++ IT Software Engineer

PERSONAL

- Six years of high school, Moscow State Technical University, Master Degree
- Four articles at C Vu magazine
- ITILF® Certified, ITIL OSA® Certified
- PRINCE2 ® Certified
- Two invention patents
- Veggie/Yogi life style(all aspects: body, psycho, mind, spirit); horse riding, hiking, mount hiking.

LATOKEN
Moscow, RU

RESPONSIBILITIES
- Crypto-Exchange Core Services, Matching Balance Engine, C++
- Technical Trading Core Exchange Architecture
- Head HFT Trading
- Chief of UpTime

UBS AG
ubs.com
Moscow, RU

December, 2008 – May 2018
INTRO:
The main goal of UBS Moscow office is to provide security trading brokerage service at Moscow stock exchange (MOEX) for the clients, located both locally and Ldn (world wide).
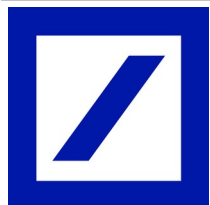
RESPONSIBILITIES
The solutions I am personally responsible of are "Marked Feeds" and "Algo trading". These contain the variety of different infrastructures, facilities and components united in the purpose of providing connectivity between MOEX and internal UBS services. In continuously business changing conditions my duty is to conduct the [in ITIL® terms] full Service Life Cycle management, :
• SS (incl client facing, biz/tech risk analysis); • SD (incl SLA, SLR, Portfolio); • ST (SACM, CMDB, Chg Mgmt, R&D); • SO (partly, second and third line support); • CSI (metrics, SIP);

SKILLS:
Unix/Linux, Windows, C++, Java, Oracle. MSSQL, variety of the technologies, VIM.

Deutsche Bank
db.com
Moscow, RU
27 Zvetnoi Blvd.

October 2003 – July 2007
INTRO
In the beginning of 2000th there had been created at Moscow "Pushkin Project". The main target for this establishment was the creation of Order Management System with the purpose to conduct the IB trading at the different stock exchanges world wide, like (NYSE), LSE, NASDAQ, etc. "Arina" solution served as a cross platform system for equity market program/algorithmic trading and direct market access. "Arina" was the winner of the European Banking Technology Awards 2004 as Best Use of IT in Wholesale Banking.

RESPONSIBILITIES
The core of "Arina" solution there had been so-called Basket Manager Service, which had been written in C++ and run under Solaris SPARC platform. My personal responsibility was Cash SOM Service Process. As a C++ Lead I conducted MCCS (market cross) and Order Modification Automation projects. The feature of the second one for instance allows trader to automatically apply the changes (amendments) received from the external system (XOM) to all submissions (sub-orders) which were cut/made from the original order.

SKILLS:
Unix/Solaris, Windows, C++, Oracle, variety of the technologies, VIM.

February, 2002 – June 2003

Epicor, formally Scala Inc
www.scala.net
Moscow, RU

INTRO:
Scala Business Solutions N.V. (now it is Epicor; epicor.com) considered to be one of the biggest ERP solution being offered at the marked today. (As a sample it might be said that Scala was chosen (by Microsoft) like company of the year in ERP solutions).

RESPONSIBILITIES
I was involved like C++ (middleware) developer in process of preparing, bug fixing, tuning, optimizing of new product of Scala, which had a name iScala 2.2.

SKILLS:
Windows, C++, MSSQL, variety of the technologies

July 2000 – November 2001

Emplifi Inc.
emplifi.com
PA, USA

INTRO:
Emplifi Inc provided consulting business in the US. I had participated in three software projects for the following US companies as a contractor:
- Corning; www.corning.com
- US. Department of Housing and Urban Development (HUD) (www.hud.gov)
- SendantMobility; www.cendantmobility.com

RESPONSIBILITIES
C++ (middleware) developer

SKILLS:
Windows, C++, MSSQL, variety of the technologies

July 1998 - July 2000

VDI Inc
vestedev.com
Moscow, RU

INTRO:
I think it is possible to state that the biggest client VDI Inc had was PCDOCS Inc. (www.pcdocs.com) and the project was: DOCSOpen. That was a document management system

RESPONSIBILITIES
The first challenge I was involved was developing an additional client, based on the PowerDOCS object model. It was COM STA in-proc server. For a one side it was a MAPI Message store service provider to MS Outlook, and for another one it is a client to PowerDOCS components. At the second there had bee developed an additional component to DOCSFusion server. This component allows user to arrange its own forms on the server and manages data by means of them. It was MTA in-proc server. DCOM technology was used like a providing mechanism between client and server side.

SKILLS:
MSVC++, COM, DCOM, MAPI, ATL2, STL, MFC