

CURRICULUM VITAE (F3.11)

1. **Role proposed within the project:** Lead Technical consultant, SW Developer
2. **Name:** Vadims
3. **Surname:** Lamovs
4. **Date of birth:** 1982
5. **Marital Status:** sensitive information
6. **Education:**

Institution (from – to)	Degree and schooling level:
Information System Management Institute, graduated in 2004-06	Computer Science: Programmer, Master degree
Transport and Telecommunication Institute, graduated in 2001-11	Bachelor of Computer Science

7. **Foreign languages:** to indicate the level of competence from 1 to 5 (1 – fluent; 2 – advanced; 3 – intermediate; 4 – elementary; 5 - beginning)

Language	Reading	Speaking	Writing
Russian	1	1	1
Latvian	2	2	2
English	2	2	2

8. **Member of professional bodies/associations:**

9. **Other abilities:** (*e.g. P.C., etc.*)

Areas of Expertise

Business processes, Offering development

Business Process

Modelling

Business processes, Project & Programme mgmt

Methods_Kanban

Planning &
estimation

Tools_Jira for
project
management

Business processes, Sales & Marketing

S&M Sales

General, Communication

Presentation skills

HW Development, Processes

HW architecture and design	Requirements management
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Horizontal offerings, Infrastructure Services

Application operations	Application operations_Databases	Application operations_Oracle
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Horizontal offerings, eCommerce

eCommerce
domain knowledge

Industry, Energy

Energy domain

Industry, Financial Services

Banking	Banking Infrastructure	Banking_ATM & Self service terminals
Banking_Branch Operations	Banking_Cross border Payments	Banking_E- Banking & Mobile Banking
Banking_Payments	Banking_Retail Banking	Cards
Cards_Acquiring	Cards_Clearing & Settlement	Cards_Issuing
Certificate in Card Operations		

Industry, Manufacturing

Manufacturing domain knowledge	Tieto Products
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SW Development, Architecture patterns

Amazon Web Services API - CLI	Client/Server Applications	Design Patterns
REST	SOA	Web applications

SW Development, Cloud Computing

Amazon Web
Services API
Azure App
Services

Amazon Web
Services RDS
Azure Compute

Amazon Web
Services Route 53
Azure Network
Services

SW Development, Methods

Design Concepts
Model Driven
Design

GUI Development
Systems
Programming

Graphic Design
Usability_Graphical
interface design

SW Development, Processes

Agile development

SW Development, Programming languages

ASP.NET
Java

Delphi
Python

HTML5
ReactJS

SW Development, Technology

ReactJS

SW Development, Tools

GitHub

JIRA

Technologies & Platforms, Carrier Cloud and Cloud Management

Kubernetes

Technologies & Platforms, Cloud Computing

Docker

Docker Swarm

Technologies & Platforms, Databases

MS SQL server
PostgreSQL

MySQL

Oracle

Technologies & Platforms, Hardware

Blade_Intel / AMD
Hardware domain
knowledge

HP IntegrityServer
Networking Cisco
hardware

HP Server
PCI/PCIe

SAN-
Storage_HP/EVA

SPARC servers
knowledge

Technologies & Platforms, IAM

Platform_PKI
consulting

Technologies & Platforms, Java

Platform_Java and
internet
Architecture &
Consulting

Technologies & Platforms, Microsoft

Hyper-V

Technologies & Platforms, Middleware

Application	Application	IBM Integration
Server_BEA	Server_IBM	Bus
Tuxedo	Websphere MQ	
Integration_BEA		
Tuxedo		

Technologies & Platforms, Network & Communication

ADSL	DLNA	LAN Switches & Routers
Network protocols	VOIP	
VLAN		

Technologies & Platforms, Open Source platforms/products

Amazon EC2	Apache Kafka	Elasticsearch, Logstash and Kibana - ELK
Zabbix		

Technologies & Platforms, Operating systems

Linux_Debian	Linux_RedHat	Linux_SuSe
Linux_Ubuntu	Mac OS	OS/2
Operating systems knowledge	Unix	Unix FreeBSD
VMWare vSphere	VirtualBox	Windows 7
Windows Hyper V	Windows Server 2016	Windows Vista
Windows XP		

Technologies & Platforms, Oracle

OBI
EE_Administration

Oracle
Virtualization
(VM)

Technologies & Platforms, Security

Anti
Virus_McAfee
Firewall

VPN

Anti
Virus_Symantec
Mobile strong
authentication

Cryptography

Protocol Analysis

Technologies & Platforms, Server management

HP OpenView

Patrol

Technologies & Platforms, Unified communication

Email Archiving

Email security

Mobile email

10. Current professional position: Lead Business Developer

11. Seniority at current work: Lead role

12. Relevant qualifications for the project:

Industry expertise

- Banking_Cross border Payments
- Banking_E-Banking & Mobile Banking
- Banking_Payments
- Banking_ATM & Self service terminals
- Certificate in Card Operations

Core competences

- SOAP web-services – more than 7 years
- RestFull microservices – more than 5 years
- Platform_Java (SpringBoot) – more than 5 years
- PostgreSQL, MySQL, Oracle EE DB – more than 12 years
- HW infrastructure and network architecture and design - more than 8 years
- Kubernetes - more than 3 years
- Platform_PKI consulting - more than 6 years

13. Specific experience in projects (according to the criteria indicated in the Tender Document):

Project Name/project beneficiary	Main activities of the project	From – to (DD/MM/YYYY)	Responsibilities
Maldives Monetary Authority	Implementation of Instant Payment solution in Maldives	2020-11 - till now	<p>Product owner and Lead technical consultant</p> <ul style="list-style-type: none"> - My responsibilities covered to communication with customer in the business/technical layers and draw a detailed picture of solution design (together with architects) with detailed documentation. - Plan and adaptation of regulatory aspects regarding ISO20022 in the Maldives. - OpenAPI ideology adaptation in Maldives Monetary Authority. - Implementation of a Wallets and Mobile Solution in Maldives Monetary Authority. - Prioritization of delivery and development deliveries to the customer, estimation of bug fixes, and change requests.
IPSL – Kenya Bankers Association	Implementation of new Instant Payment solution in Kenya	2020-06 – 2021-06	<p>Product owner/ Lead technical consultant</p> <p>Solution design with solution architect. My responsibilities to communicate with customers in the business/technical layers and draw a detailed picture of solution design with detailed documentation. Prioritization of delivery and development deliveries to the customer, estimation of bug fixes, and change requests.</p>
TIETO LATVIA	Open Banking (PSD2 compliancy) solution and API aggregation SaaS based platform development	2017-05 - till now	<p>Product owner</p> <p>Responsible for: Product requirement development, Product description development, Business case development, PSD2</p>

			requirement study, Communication with OpenBanking UK, Berlin Group and CAPS . HW architecture and infrastructure design for the solution.
TIETO LATVIA	Instant Payment Product Development based on RESTful microservices architecture and in accordance with ISO20022 messaging standard for Retail and Corporate Market	2016-02 - till now	Project owner Responsible for: Product requirement development, Product description development, Business case development, Communication with EBA and RT1 and product price creation. HW architecture and infrastructure design for the solution. Programming languages and technologies used ASP.NET, Java, ReactJS, HTML5, Kubernetes, Docker
TIETO LATVIA	ATM Management Product GAP analysis	2017-02 - 2017- 12	Product manager Responsible for: New Product requirement development, Existing Product functional GAP analysis, Competitors solution Analysis, ATM vendor new requirement study
TIETO LATVIA	Development Host Card Emulation Solution based on MCBP v1	2015-07 - 2016- 08	Responsible for: Product requirement development, Product description development, Business case development, Communication with MasterCard and Certification process.
Central Bank of Azerbaijan Republic	Instant Payment solution Business & Technical proposal creation	2018-02 - 2018- 06	Acted as Solution Architect. Responsible for: Technical Solution Description, Business Solution Description, Overall Solution Architecture. Presentation proposed solution to Customer and Sales Process Management.
BANK PROCESSIN G CENTER	Fraud Management system implementation	2013-10 - 2016- 11	Technical specialist. Responsible for Fraud Management implementation, customization, system performance tuning, business rule configuration. Go Live

			full support and after go live support. Bug validation, testing and fix.
BELINVEST BANK	Fraud Management system implementation	2013-01 - 2014-05	Technical Specialist. Implementation Card Suite Component – Fraud Management. Responsible to Initial installation, testing, businesses rules configuration, Go live on site support, system customization
Bank Smolensky	Card Suite – several modules implementation	2012-09 - 2013-04	Responsible for Card Suite Product implementation product (Payment Hub, Fraud management, Dispute Management) Develop business rules for Bank's. Installation Unix, Oracle DB configuration and installation.
PASHA BANK	Fraud Management system implementation	2012-01 – 2012-11	Responsible to provide help to new Employee in Fraud management implementation, customization, business rules creation, testing, bug fixing, Go-live support
Latvijas Krājbanka	Development of ATM multi-vendor integration layer	2010-03 – 2010-06	Development of integrated multi-vendor software platform based on Wincor Nixdorf software and “wosaXFS” extension! Tested on Diebold HW status “COMPLETE”
Latvijas Krājbanka	Development of new ATM Monitoring	2010-03 - 2012-09	Development new ATM Monitoring solution from scratch .New ATM monitoring (real-time and cross-vendor)
Latvijas Krājbanka	New ATM Video Surveillance development	2009-02 - 2011-11	Development of new solution for ATMs video surveillance. (Full inhouse development)
Latvijas Krājbanka	CashIN Recycling Functionality Implementation Specialist	2011-05 - 2011-08	New ATMs software installation. / New Protocol “NDC”/ New HardWare “RM2”/ Tests with real notes/ CashIN script development /Configuring state Flow and etc. Full hardware configuration.

Latvijas Krājbanka	ATM CashOUT functionality implementation	2011-05 - 2011-08	New ATM WN8050 CashOut ATMs configuration and installation ATM and HOST side. Full hardware and software maintenance, PCI DCC audit VISA.
Latvijas Krājbanka	Diebold ATM implementation	2009-03 - 2009-08	New ATM vendor for Bank – full implementation (software side Agilis installation and configuration in accordance with the Bank specification), (hardware side – full support)
Latvijas Krājbanka	EMV functionality introduction to ATMs	2008-09 - 2009-01	New ATMs software installation and configuration

14. Professional experience

From - to	Location	Economic operator	Position	Description of main responsibilities
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2020-05- till now	Latvia	Tieto Latvia	Lead Business Developer/ Product Owner	<ul style="list-style-type: none"> - Defining the product vision with close synchronization with Company strategy and Market trends. Estimating value and, Defining, maintaining, and sharing the Product vision. - Technical consultancy with customers during pre-sales and implementation projects. - Defining a solution architecture on Business and integration level, design for customers. - Develop and maintain an appropriately prioritized backlog of user stories for implementation. - Optimizing the value of the work of the Development Team - Creating & maintaining the Product roadmap and Release Burn-up Chart in order to inform and manage stakeholders about the next steps to be taken with the Product. - Writing a business case for a new product(feature) and/or organizing Business Value Estimation Workshops in order to collaborate with stakeholders about the potential value of Product Backlog Items. - Act as an ambassador for the product internally and externally and as the primary contact for queries related to the product. - Code review - Creating a product roadmap with a clearly defined action plan, defining the responsibilities and the timeline. - Coordinating among design, engineering, and marketing teams. - Works closely with Product Management to create and maintain a product backlog according to business value or ROI. - Follows our competitors and the industry.
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2016-03-2020-05	Latvia	Tieto Latvia	Senior Product Technical Manager	<p>Responsible for Product Development, Product strategy and Customer technical consultations. (Instant Payment Solution (based on RESTful microservices, OpenBanking Solution (RESTful microservices), Card Suite (SOAP web-services / REST APIs based) e.g. Acquiring, Channel Management and Fraud management)</p> <ul style="list-style-type: none"> - driver, owner, strategist and main stakeholder in order to move selected offerings throughout full life-cycle (initial business plan, investments, development, commercialization, growth, sun-setting); - order owner and customer for Product Development for selected offerings in terms of investment financed developments; - Build and maintain business plan for selected strategic offerings; - Develop requirements for the selected offering development; -Control over strategic improvement in requirements within selected offerings; -industry analysis -Preparing materials (Functional Descriptions, Summary for Agreement, leaflets, presentations, non-binding proposals) about particular offering, by using his own and additional resources (marketing, consultants, Product Owners, internal and external resources, etc); -Analysis of competitors / particular customer segments; - Design of HW sizing & required infrastructure deployment (virtualization/clusterization/cloud-based/self-hosted), including HA, models for company product based solutions; -Sales Support; -promotion activities for selected offerings, suggesting, participating in planning and following-up campaigns
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				<p>and other activities, in cooperation with Marketing, but Offering being driving force;</p> <p>- Identify points for offering main life-cycle milestones, including but not only, need for a sun-setting (or moving into cash-cow), in line with driving development of the strategy for migration to new (if any) offerings;</p>
2014-09-2016-03	Latvia	Tieto Latvia	Product Technical manager	<p>Product Development, Product strategy and Customer technical consultations on company solutions (Card Suite – Acquiring, ATM Management, Host Card Emulation and Fraud management).</p> <p>Sales Support (RFI, RFP answers, Onsite Visit to new and existing Customers)</p> <p>Hardware Sizing/infrastructure design (virtualization/clusterization/cloud-based/self-hosted) for Card Suite implementation and final offers to Customer</p> <p>Customer Technical Consultation about Card Suite Architecture, Business Cases, overall solution infrastructure design / HW sizing (existing and New).</p> <p>PCI DSS consultation</p> <p>Market research in dedicated offering area</p> <p>Preparing materials (Functional Descriptions, Summary for Agreement, leaflets, presentations, non-binding proposals)</p>
2012-09-2014-08	Latvia	Tieto Latvia	Technical specialist - consultant	<p>Responsible for Card Suite solution implementation in Bank's and Processing Centers and Customer consultation (Issuing, Acquiring, E-commerce, Fraud management and ATM management area).</p>

2008-08-2012-03	Latvia	A/S Latvijas Krājbanka	Senior hardware engineer	ATM service – hardware and software level. Introduction of new software for ATMs Introduction video surveillance software for ATMs Support a two brands ATMs (WincorNixdorf and Diebold) Experience in implementing and working with cross vendor software solution!!! Development of a monitoring system of ATMs(cross vendor)
2007-11-2008-08	Latvia	SAS "BMS megapolis"	Hardware engineer	Work for warranty service center. Main duties – PC, laptop, camera and other hardware diagnostics and repair, software installation and diagnostics. Have direct experience communication at work with clients in identifying and resolving problems

15. Other relevant information (e.g., Publications)

16. Appendixes (*copies of the diploma, certificates, references, etc.*)

Courses & Trainings

Advanced Security2, 2013-05
 Advanced Security, 2012-09
 Successful presentation. Ability to speak publicly., 2012-04
 Cortex, 2011-08
 WN4000 CashIN Recycling, 2011-07
 NetXMS, 2010-06
 AntiSkimming, 2010-05
 Enter Encryption Key (PCI DSS), 2010-01
 Diebold Opteva 562, 2009-03

Certificates & Exams

- TietoEVERY Instant Payments Solution, certificate attached **Annex 2019-ET-0118_Vadims Lamovs_Certificate**
- Certified Penetration Testing Engineer (CPTE), mile2, 2013-09
Annex Certified Penetration Testing Engineer (CPTE)_v.lamovs_2013
- Oracle Database 11g Administrator Certified Associate, 2012-06
Certificate attached **Annex Oracle db_11g_Admin_Worshop_II_v.lamovs_2012**
- Visa, 2013-03

Valdis Janovs



Evita Ozola



both as Board Members of "Tieto Latvia" SIA

Date 08.06.2021

