



Mihail DEMIAN

Lead Software Engineer

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WORK EXPERIENCE



CARD EXPERT | OTP Bank S.A

January 2021 - present

- Payment Scheme registration and certification;
- ATM certification with Visa and Mastercard (ADVT/MTIP);
- Card personalization certification with Visa and Mastercard (CPV/CNS);
- ISO85853 protocol integration;
- Integration with Core Banking System;
- Data migration;
- 3D Secure ACS integration (OOB);
- Clearing file processing;
- Key Management.



LEAD SOFTWARE ENGINEER | Bpay SRL

February 2016 - February 2020 (4 years 1 month)

- Design of the architecture for on-line payments system with a network of terminals, ATM, including the architecture of server, client and terminal application, development of core system components development of libraries for interaction with different commercial banks and third parties. Complete cycle (define requirements, research, design, estimate, develop, test, document, maintenance and support);
- Develop first Bitcoin ATM and crypto-currency exchange platform in Republic of Moldova;
- Development and refactoring of the back-end and front-end for the main projects using Java, PHP7;
- Task management and quality control;
- Reviewing merge requests. Code reviews.



ECOMMERCE SPECIALIST

BC "Moldova-Agroindbank" S.A Cards Department

January 2012 - January 2016 (4 years 1 month)

- Administrating the e-Commerce Acquiring and Issuing modules;
- Technological certification and implementation with International Payment Systems (Mastercard, Visa Inc., American Express);
- Administrating 3DSecure (Verified by Visa, SecureCode, SafeKey) Acquiring and Issuing modules;
- Compliance and alignment to PCI DSS requirements;
- Develop and administrating Anti Fraud Module;
- Knowledge of chargeback rules and procedures;
- Knowledge of Key Management, PKI;
- Experience with HSM Thales 8000/9000, Eracom SafeNet.

Lead Software Engineer with 10+ years of experience in the banking industry and FinTech sector.

Interested in anything related to IT and software development.

Good collaboration and communication skills, small team management experience and work in multilingual communities.

The architectural design of IT solutions from scratch, including security and availability issues.

Highly skilled, proactive, analytical, quick learner.

CONTACT INFO

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- www.mihaildemian.com

SKILLS & SOFTWARE

- SQL
- Back-End Web Development
- Object-Oriented Programming (OOP)
- Java
- Software Development
- EMV
- 3D Secure
- PKI
- Linux System Administration

INTEREST



TRAVEL MUSIC CODING



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WORK EXPERIENCE

CONTINUED



ACQUIRING SPECIALIST | Cards Department BC "Moldova-Agroindbank" S.A

March 2010 - January 2012 (1 year 11 months)

- Administrating and maintenance of the ATM and POS networks;
- Technological certification and implementation of contactless payments;
- Compliance and alignment to PCI DSS requirements;
- Experience with POS Verifone/Ingenico, ATM NCR/Wincor Nixdorf.



ISSUING SPECIALIST | Cards Department JSCB InvestPrivatBank

September 2008 - October 2009 (1 year 2 months)

- Cards issuing and personalization;
- Technological certification and implementation of EMV chip cards;
- Compliance and alignment to PCI DSS requirements;
- Experience with MChip4 Select/Lite, VSDC, PayPass, Visa PayWave, Amex ExpressPay;
- Experience with ISO 8583, Authorization & Clearing.

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PERSONAL SKILLS

- Effective communication
- Organisational Skills
- Time management
- Project management
- Analytical problem solving
- Teamwork and collaboration
- Leadership
- Continuous learner
- Strategic Thinking

LANGUAGES

- Romanian (Proficient)
- Russian (Proficient)
- English (Conversational)
- Spanish (Level B2 Certif.)



EDUCATION



- **Technical University of Moldova** 2006 - 2010
Bachelor of Applied Science (BAS)
Computer Science



- **Gaudeamus Lyceum** 2003 - 2006
Mathematics and Computer Science



HONORS & AWARDS



Banca
Națională
a Moldovei

Bank worker of the year 2015
National Bank Association Dec. 2015