

EUROPEAN CURRICULUM VITAE



PERSONAL INFORMATION

Name	ȘTEFAN-MIHAI MOGA
Address	INTRAREA CRIȘUL ALB, NR. 37, BL. 5, SC. A, APT. 1, BUCUREȘTI 040727, ROMÂNIA
Telephone	+4074-549-7982
E-mail	contact@emvs.site
Website	https://www.emvs.site/
Nationality	Romanian
Date of birth	JANUARY 6TH, 1979

WORK EXPERIENCE

- Dates (from – to)
 - Name and address of employer
 - Type of business or sector
 - Occupation or position held
 - Main activities and responsibilities
- May 2021 – present
[PUREQUAD SRL \(NXP Semiconductors\)](#)
Automotive: Solutions to complex autonomy, connectivity, and electrification challenges for today's safe and secure vehicles.
Communication Infrastructure: 5G-connected, edge computing technologies that support scalable communication networks.
Industrial: Simplified machine learning solutions that automate better decision-making at the device level for industry 4.0 applications.
Mobile: Solutions for connected lifestyles that allow data to move more freely, transact more safely and connect more easily.
Smart City: Seamless and secure payment, controlled access, ID and ticketing solutions for managing city life.
Smart Home: Innovative IoT solutions that listen, learn, and transform living spaces into personalized, intelligent environments.
Embedded Software Engineer
 - ~~Develop and optimize low level drivers for NXP microcontrollers and processors, protocol stacks & RTOS integration, examples and demos based on automotive applications & use cases.~~
 - ~~Create and maintain requirements, design, architecture, code, and tests for different parts of the product.~~
 - ~~Provide an easy-to-use software solution with full IDE integration and multiple compilers support.~~
 - ~~Autonomously drive yourself in the process of solving the customer's requests by planning, designing, and implementing new software solutions, considering customers' requirements, performance improvement and optimization of their products.~~

August 2012 – May 2021
[Printec Group Romania SRL](#)
Financial software development for ATM/POS
Embedded Software Engineer
 - Embedded C++ developer for Verifone EFT-POS application. Also worked with MFC and C# for configuration applications. Bug-fixing and developing new functionalities for applications that run on Verifone POS terminals, support and human interface with clients, on-site testing, and consultation.
Main project: Alpha Bank Romania, for which I have done bug-fixing, I have implemented bank's new features and I have certified MasterCard, Visa, American Express and China UnionPay payment schemes.

March 2012 – July 2012
[Inside Software SRL](#)

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EDUCATION AND TRAINING

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

Document Management

Software Engineer

- I provided support on client-server application DISKIS (Document Management System). The user-friendly DISKIS ensures the simple management of documents within an organization and provides easy access to files and relevant customer information. The sophisticated workflow component ensures a smooth and easy to manage simulation of business processes as well as seamless integration with other systems.

March 2010 – February 2012

[SIATEL Roumanie SRL](#)

Document Management

Senior Web Developer

- I developed plug-ins for Internet Explorer, Mozilla Firefox, and Google Chrome for processing of documents and images (C++, WIN32, MFC, COM, ActiveX, Gecko SDK, NPAPI).
- I developed an email client (based on IMAP4 and MAPI protocols), and I developed add-ins for Microsoft Outlook and Mozilla Thunderbird.

June 2007 – January 2010

[Misys International Financial Systems SRL](#)

Financial software development

Senior Consultant

- I developed new financial applications and I improved existing Summit modules.
- I investigated technical and functional defects and I proposed adequate solutions.

MARCH 2003 – MAY 2007

[Catalyst Semiconductor Romania SRL](#)

Electronic devices

Software Engineer

- I developed a MFC application with ODBC access to a MySQL database for testing and sorting of silicon wafers on Electroglas EG4080 prober.
- I developed a MFC application on USB interface for testing and programming of CAT digital potentiometers.

September 2000 – February 2003

ESSEX COM SRL

Electronic devices

Software Engineer

- I developed an ANSI C compiler for PIC16F84 microcontroller produced by Microchip, Inc; the debugger was designed to simulate the PIC microcontroller; custom assembler and link-editor was also implemented for this project.

August 1998 – January 2000

[COMUNIC@TII Mobile Magazine](#)

Publishing

Editor

- I published several articles about Internet and local network architecture, and telecommunications evolution at national and international level.

2015 – 2018

Bucharest Academy of Economic Studies,

Faculty of Cybernetics, Statistics and Economic Informatics

Database

Master's Degree

- Level in national classification (if appropriate)
 - Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
 - Title of qualification awarded
- Level in national classification (if appropriate)
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- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
 - Title of qualification awarded
- Level in national classification (if appropriate)

Grad School
 1998 – 2004
 University Politehnica of Bucharest,
 Faculty of Automatic Control and Computers
 Computer Science
 Bachelor's Degree
 College
 1993 – 1997
 Nichita Stănescu
 Informatics
 Bacalaureate
 High school

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

ROMANIAN

OTHER LANGUAGES

ENGLISH

- Reading skills
- Writing skills
- Verbal skills

Excellent
 Excellent
 Excellent

SOCIAL SKILLS AND COMPETENCES

ACTIVE LISTENING
 COMMUNICATION
 COMPUTER SKILLS
 CUSTOMER SERVICE
 INTERPERSONAL SKILLS
 LEADERSHIP
 MANAGEMENT SKILLS
 PROBLEM-SOLVING
 TIME MANAGEMENT
 TRANSFERABLE SKILLS

ORGANIZATIONAL SKILLS AND COMPETENCES

EXCELLENT SOFTWARE ARCHITECT

TECHNICAL SKILLS AND COMPETENCES

COMPUTER NETWORKS AND DATABASES:

- March 2018 – certificate of course completion for [Microsoft Excel for the financial and banking sector](#) issued by Romanian Banking Institute.
- May 2003 – diploma of [Database Programmer](#) issued by Oracle Academic Initiative.

ARTISTIC SKILLS AND COMPETENCES

AIKIDO

OTHER SKILLS AND COMPETENCES

- October 2021 – certificate of course completion for [Python Fundamentals](#) issued by Telecom Academy.
- September 2021 – certificate of course completion for [Kotlin Fundamentals](#) issued by Telecom Academy.

- September 2021 – certificate of course completion for [Software Licensing Policy](#) issued by NXP Software Board.
- December 2019 – certificate of course completion for [GIT](#) issued by ProManagement Training Center.
- December 2018 – certificate of course completion for [Introduction to Test Automation](#) issued by Luxoft Training.
- December 2015 – certificate of course completion for [EMV](#) issued by UL's Transaction Security Division.
- November 2015 – certificate of course completion for [Agile - Scrum for Teams](#) issued by PM ACCESS.

WEB DESIGN (HTML5, CSS3, XML, PHP/MYSQL, JAVASCRIPT, FLASH):

- December 2017 – certificate of course completion for [Web Design: HTML5 / CSS3](#) issued by InfoAcademy.

DRIVING LICENCE(S)

No

ADDITIONAL INFORMATION