



Vasile-Marius Oprea

Date of birth: 20/06/1981 | **Nationality:** Romanian | **Gender:** Male | **Phone number:**

(+40) 770858618 (Mobile) | **Email address:** contact@marius-oprea.ro | **Website:**

<https://marius-oprea.ro> | **LinkedIn:** <https://www.linkedin.com/in/mariusoprea/> |

WhatsApp Messenger: +40770858618 |

Address: Virgil Plesoainu 16, Sector 1, 011525, Bucharest, Romania (Home)

ABOUT ME

Hello! My name is Vasile-Marius Oprea, born on June 19, 1981, in Romania. I am a seasoned professional with a deep-seated passion for technology and innovation, specializing in IT and administration. My journey in the tech world began over two decades ago, and since then, I have accumulated a wealth of experience across various roles and responsibilities. From overseeing operations as an Administrator at Casa Royal Haveli and Pointlet Research S.R.L. to leading research and development initiatives at S.C. Green Light Grup S.R.L., my career has been marked by a commitment to excellence and a drive to stay at the cutting edge of technological advancements.

Throughout my career, I have focused on integrating IoT with industrial systems, designing and maintaining complex networks, and developing innovative software solutions. My tenure at companies like CableNet and Romanian Soft Company allowed me to fine-tune my skills in system administration, technical support, and project management. Notably, I played a significant role in the Petromcard project, where I was responsible for developing deployment procedures and providing technical support, showcasing my ability to manage large-scale IT projects effectively. In addition to my professional endeavors, I am dedicated to lifelong learning and self-improvement. I hold various certifications and have been recognized for my innovative contributions, such as developing a smart automatic device for monitoring fuel consumption and a magnetic levitation transport system. My proficiency in English and my strong organizational and interpersonal skills have enabled me to lead teams successfully and adapt to various work environments.

WORK EXPERIENCE

12/2010 – CURRENT Costinesti, Romania

ADMINISTRATOR CASA ROYAL HAVELI

01/01/2022 – 31/12/2023 Bucuresti, Romania

ADMINISTRATOR POINTLET RESEARCH S.R.L.

30/11/2017 – 01/01/2023 Bucuresti, Romania

RESEARCH AND DEVELOPMENT WITHIN HOOS (HEAVY OIL OPERATING SYSTEM) S.C. GREEN LIGHT GRUP S.R.L.

- Convergence of industrial systems and protocols with IoT (Internet of Things)
- Network design for IoT
- Software design for IoT
- IoT integration in cloud computing
- IoT data analysis
- Design and development of HOOS automation
- Monitoring and control of HOOS locally, remotely, and in the cloud

10/2008 – 02/2010 Constanta, Romania

IT EQUIPMENT AND NETWORK TECHNICIAN CABLENET

- Website administration
- SEO optimization for administered websites
- Web design
- Creation of promotional posters for clients

01/2006 – 05/2008 Bucuresti, Romania

SYSTEM ADMINISTRATOR ROMANIAN SOFT COMPANY

- System, server, and network maintenance; troubleshooting
- Security responsibilities, preventing unauthorized system access
- Periodic hardware and software system audits
- Hardware and software installation
- User account management (adding, deleting, renewing, resetting passwords)
- Technical support
- Server backups

Participated in the development of the Petromcard project (POS application and fuel card for Petrom clients) from May 2006 to September 2007:

- Centralizing information from gas stations
- Developing deployment procedures
- Deploying new application versions
- Technical support for Petrom employees at gas stations
- Developing technical support procedures for establishing a call center for Petromcard

08/2003 – 12/2005 Costinesti, Romania

NETWORK AND INTERNET OPERATOR SELF EMPLOYED

Created a local network with internet access via optical fiber in Costinesti (network with fiber optic, wireless, and UTP links)

Responsibilities included:

- Creating the physical infrastructure for the network
- Purchasing equipment
- Coordinating other team members
- Server administration
- Technical support for network clients, resolving issues
- Managing subscriptions

09/2004 – 09/2005 Costinesti, Romania

COLLABORATOR COSTINESTI CITY HALL

- Initiating students from the general school in Costinesti into IT

08/2003 – 08/2004 Costinesti, Romania

IT EQUIPMENT MAINTENANCE AND SERVICE COSTINESTI CITY HALL

- IT equipment maintenance for Costinesti City Hall
- Administration of the City Hall's internal computer network
- Technical support for employees

07/2003 – 08/2004 Constanta, Romania

SERVICE TECHNICIAN GMB COMPUTERS

- Assembling computers
- Troubleshooting equipment brought in for service
- IT equipment configuration
- Maintenance operations for workstations and servers
- Installing components, diagnosing defects, replacing defective components (PCs, printers, network)

● **EDUCATION AND TRAINING**

08/1996 – 05/2000 Eforie Sud, Romania

GRADUATE Theoretical High School Carmen Sylva

Limbi si literaturi straine

Website <https://lefo.ro>

● **LANGUAGE SKILLS**

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C1	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Windows | JSON | Docker | JavaScript | SQL | Linux | Python | Microsoft Office | Node-Red | IoT

DRIVING LICENCE

Driving Licence: AM

Driving Licence: B

HONOURS AND AWARDS

Distincții

ORGANISATIONAL SKILLS

Organisational skills

Ability to synthesize and analyze, decision-making abilities, organizational spirit, coordination skills

- Punctuality, ability to make decisions under stress and meet deadlines
- Ability to analyze tasks and responsibilities
- Ability to evaluate the professional skills of collaborators
- Analytical spirit
- Teamwork
- Evaluation and improvement spirit
- Monitoring team work (quality control)
- Self-improvement, self-taught abilities

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

Team spirit, high adaptability, good communication skills, seriousness, ability to assimilate new information and skills, willingness to engage in sociocultural activities, competencies acquired from numerous group projects within workplace activities and party activities, as well as from various cultural and social events I have participated in (meetings, interviews, negotiations).

SKILLS ACQUIRED AT THE WORKPLACE

Skills Acquired at the Workplace

- Good knowledge of information security management (the companies I worked for are ISO/IEC 27001 certified)
- Adaptability, communication, and creativity skills acquired at the workplace
- Ability for professional self-development (through personal study)

TRAINING COURSES

Training Courses

Maintenance, Troubleshooting, and Upgrading Microcomputers

CERTIFICATIONS

Mobile IP Network Planning and Optimization

Polytechnic Bucharest School Association, Center of Excellency of ITU

● CREATIVE WORKS

30/07/2019 – CURRENT

RO134772 - SMART AUTOMATIC DEVICE FOR MONITORING FUEL CONSUMPTION

The invention relates to a smart automatic device for monitoring fuel consumption. According to the invention, the device comprises an automatic overvoltage fuse (1), a current meter (2), a stabilizer (3), an internal current source (4), some batteries (5), a local computer (6) provided with artificial intelligence algorithms (9), a VPN modem (7) and a sensor board (8), the entire assembly being connected in real time to a central computer network via a VPN secure tunnel, using IoT communication protocols, where the artificial intelligence algorithms (9) take over the data provided by the network of specific integrated and functionally correlated sensors (8), apply mathematical linear regression methods to eliminate measurement errors generated by sensors, by reducing dispersion and mean square deviation of the data transmitted by the sensors (8), identifies the relevant data for tagging fuel consumption types as compliant or illicit and the predictive data associated to consumption by travel segments, time-related consumption segments and types of use.

Link <https://patentscope.wipo.int/search/en/detail.jsf?docId=RO321229906>

27/03/2024 – CURRENT

PCT/RO2024/050001 - MAGNETIC LEVITATION TRANSPORT SYSTEM

The invention relates to a transport system comprising: a rotatable shaft (1), a plurality of permanent driving magnets (2) fixed to the shaft (1) and having the poles axes phase-shifted by 120°, at least one set of three identical permanent propulsion magnets (4), a movable element (5) provided with two profiled extremities (6) and fixed to the at least one set of propulsion magnets (4), two guide rails (7) each provided with a groove (8) such that each extremity (6) of the movable element (5) is accommodated in a respective groove (8), wherein, on the surfaces of the extremities (6) and on the matching surfaces of the grooves (8) are fixed permanent guide magnets (9; 10) having magnetic poles oriented such that the guide magnets (9) of the extremities (6) are in magnetic repulsion with the guide magnets (10) of the grooves (8).

● SOCIAL AND POLITICAL ACTIVITIES

30/04/2012 – 29/08/2016 Costinești

Secretary General of the Social Democratic Party Organization

31/08/2016 – 31/05/2020 Costinești

President of the Romanian Ecologist Party Organization
