

Curriculum vitae Europass



Personal information

Name / Surname **Rotaru Silviu**

Address(s)

Phone

Fax(s)

Email(s)

Nationality Romanian

Date of birth

Sex

Professional experience

Period	March 2024 – present
Position or post occupied	Engine tuning team / project manager
Activities and principal responsibilities	Coordinate the engine tuning team in order to calibrate automotive internal combustion engine.
Name and address of employer	FEV ECE Automotive SRL
Type of activity or sector of activity	Calibration / System / Sw engineer / Automotive
Period	May 2022 – March 2023
Position or post occupied	System Architect ECU (for diesel engine)
Activities and principal responsibilities	System architecture, System requirements, (assigned to project client requirements, adapt system software picture or SW architectural picture to current software delivery, verify that all IS SW with system impact are correctly addressed and properly integrated). Hardware-software interface responsibility . In-depth analysis on every new requests that comes from customer.
Name and address of employer	Bosch Romania Horia Măcelariu, 30-34, Bucharest, Romania
Type of activity or sector of activity	System / Sw engineer / Automotive
Period	May 2021 – May 2022
Position or post occupied	Inter-pretation Pilot (Technical team and project manager)
Activities and principal responsibilities	Managing a team of calibration specialists for different software calibration perimeters in order to have a complete and fully working calibrated software for engine control unit.
Name and address of employer	Renault Technologie Roumanie, Titu Technical Center, 1st Aviatorilor Street, 135500 TITU, ROMANIA
Type of activity or sector of activity	Automotive
Period	September 2019 – May 2021
Position or post occupied	Calibration specialist team Coordinator Software Engineer
Activities and principal responsibilities	Coordination of software calibration specialists

Name and address of employer	Renault Technologie Roumanie, , Titu Technical Center, 1st Aviatorilor Street, 135500 TITU, ROMANIA
Type of activity or sector of activity	Automotive
Period	March 2018 – September 2019
Position or post occupied	Software engineer
Activities and principal responsibilities	Calibration of internal combustion engine control software
Name and address of employer	Renault Technologie Roumanie, Titu Technical Center, 1st Aviatorilor Street, 135500 TITU, ROMANIA
Type of activity or sector of activity	Automotive
Period	February 2010 – 2018
Position or post occupied	Technical Inspector (warrant officer)
Activities and principal responsibilities	Periodical Technical Inspections. Mobile technical support for presidential motorcade.
Name and address of employer	Protection and Guard Service, 42B Geniului Boulevard, Bucharest 060117, Romania
Type of activity or sector of activity	Defense / Military Structure
Period	March 2008 – February 2010
Position or post occupied	Warrant officer road vehicles
Main activities and responsibilities	Maintaining in good operating conditions vehicles of Protection and Guard Service.
Name and address of employer	Protection and Guard Service, 42B Geniului Boulevard, Bucharest 060117, Romania
Type of activity or sector of activity	Defense / Military Structure
Period	July 2004 – March 2008
Position or post occupied	Military personnel
Main activities and responsibilities	Driving and maintaining in conditions of optimal operation of the combat technique Activities of maintaining in good conditions of operation and conduct of the fighting technique outside the national territory (January - July 2007 – Afghanistan – ISAF III).
Name and address of employer	Ministry of National Defense, Military Police Batalion, MU 02180.

Education and training

Period	October 2017 – present
Qualification / diploma obtained	Politehnica University of Bucharest, Faculty of Mechanics and Mechatronics, PhD, - Performance upgrading and emission reduction for the compression ignition engine by fueling it with compressed natural gas.
Period	August 2019 - November 2020
Qualification / diploma obtained	BeAntreprenor program supported by Politehnica University of Bucharest, Entrepreneurial training.
Period	October 2015 – July 2017
Qualification / diploma obtained	Politehnica University of Bucharest, Faculty of Electronics, Telecommunications and Information Technology, Master - Advanced Technologies in Auto Electronics Integrated technologies advanced in automotive electronics / microcontroller programming
Period	October 2011 – July 2015
Qualification / diploma obtained	Polytechnic University of Bucharest, Faculty of Transport, Specialization Road Vehicles. Road Vehicle Engineer.
Period	2002 - 2004
Qualification / diploma obtained	Military School of Military Foremen and Non-Commissioned Officers of the Land Forces, Pitești. Warrant officer Armored Vehicles and Tractors.
Period	1998 – 2002
Qualification / diploma obtained	Industrial School Group "Ștefan Procopiu", Vaslui. (High school) Programmer analyst.

Personal skills and competences

Foreign language(s) known											
Self assessment		Listen				Speech				Writing	
<i>European level (*)</i>		Obedience		Read		Participation in the conversation		Oral discourse		Written expression	
English		C1	Very good	C1	Very good	C1	Very good	C1	Very good	C1	Very good
French		A1	Minimum	B1	Medium level	A1	Minimum	A1	Minimum	A1	Minimum
German		A1	Minimum	A1	Minimum	A1	Minimum	A1	Minimum	A1	Minimum

Competences and social skills

Orientated towards understanding what motivates people in general and team members in special.
I believe that soft skills are the foundation of a performing and durable team.
Proficient in team interpersonal connection development.
Very good in team growing.
Good team player.

Organizational skills and competences

In many periods throughout my career, I have had the opportunity to be coordinator of team (between five and twenty-five people). The projects received very good appreciations.
Team, project and time management courses attended.

Technical skills and competences	<p>I am interested and have a solid knowledge in fields related to the road vehicles, but over time have learned skills in other technical fields.</p> <p>Fast learner: took over a job unrelated to the previous (from automotive mechanics expert to automotive Software tuner) and in 3 months I assimilated a high percentage of information so that I could be defined as autonomous.</p> <p>After a year and a half, I became the coordinator of the team I started with.</p> <p>I also teach basic engine course for new employees of the company.</p>
Computer skills and abilities	<p>Competencies of using the computer above average: Office, C++, Catia, MATLAB, Mathcad, OrCAD, Arduino, Outlook professional and various software tools in the development of road vehicles (automotive SW tools Inca, Canalyzer, DDT 2000, Creta, DOORS, A2I inspector, HSI interface,),</p>
Volunteering	<p>2013 - present "Road Vehicle Enthusiasts Initiative" (www.ipar.ro) organization that aims to help students with the specialization of road vehicles to get in touch with the professional environment in automotive. My role was to support students to identify their strengths and strengthen their theoretical knowledge through practical applications. We have developed this ONG specially because we felt at the time that it was a very good way to boost student's motivation and improve learning process.</p>
Other competences and aptitudes	<p>Sport activities occupy an important place in my life.</p> <p>I make my own devices or installations that I need /code microcontrollers for different applications.</p> <p>High resilience and self motivation.</p> <p>Very strong self teaching abilities.</p> <p>Mentoring and teaching abilities.</p>
Driver's license(s)	A BE CE
References	They can be provided on request.