



PERSONAL INFORMATION

**Aionoae (Gîfei) Simona**

Sos. Păcurari nr.2, Iași, 700536 ,Romania

✉ gifei.simona@gmail.comSex f | **Date of birth** 06/05/1985 | **Nationality** Romanian

Jan 2019 - Present

Safety Consultant, PhD tasks and maternity vacation (2nd baby from July 2019)17TH OF JULY 2017 – DEC 2018
(MATERNITY VACATION 2nd baby
from July 2019)**Consultant Safety Manager for Steering Control Systems**

Thyssenkrupp Presta AG - Budapest

- Planning and managing all safety activities at system level in the relevant phases of the safety life cycle on Electronic Power Assisted Steering Systems.
- Responsible in planning and organizing the Safety Audits and Safety Assessments for all the projects which are allocated to me.
- Responsible for Development Interface Agreement, Safety Case, Safety Reports and Safety Releases
- Direct contact with the OEMs for all relevant safety related topics
- Responsible of analyzing all the Safety Requests for the Projects which are under my responsibility
- Allocation of Safety Project Tasks and Safety Work products
- Direct interface in managing all the safety tasks which are related to Suppliers
- Responsible for some Steering projects developed for European and Asian OEMs. (Geely, Volvo, Nio, IVECO)

Business or sector Chassis & Safety Division – Research &Development **Work products:** Electric Power Steering Systems**Functional Safety Manager**

JULY 2016 – JULY 2017

Continental Automotive Romania SRL - Iasi

- Responsible of performing FSM Assessments on Electrical Brake System (based on ISO 26262 Standard)

DEC 2016 – JULY 2017

PROJECT SAFETY MANAGER**Continental Automotive Romania SRL - Iasi**

- Supporting development projects in the management of functional safety according to norm ISO26262.
- Implementation of ISO26262
- Planning of safety activities
- Management of the safety case
- Development Interface Agreements (DIA)
- Collaborating with safety analysts (FMEA, FTA, FMEDA, Dependent Failure Analysis, SW Safety Analysis)
- Prepare the FSM assessments
- MISSION: Provide the Safety Case for the project Roll Stabilization.

5TH OF JULY 2010 – JULY 2017**SW Quality Project Manager**



Continental Automotive Romania SRL – Iasi

- Create Software Quality Assurance Plan for some Steering projects
 - Tracking the correct and complete fulfilment of the SW Development Process based on V-cycle, drive escalations according to Escalation Procedure
 - Close cooperation with all interfaces defined inside Communication Matrix of the project (local and abroad)
 - Support and approve the process tailoring for the project needs in order to fully satisfy Customer requirements and to reach 0 defects
 - Responsible to arrange that all SW quality related and safety relevant aspects during the development & launch process are covered (internal, supplier and customer) as described in the corresponding development procedure, in cooperation with the SW project manager, SW Test manager and Project Manager
 - Controlling of project specific defined actions according to SW Quality Plan and the identification and tracking of quality related findings before they affect the external customer.
 - Pursuing (i.e. tracking, requesting, supporting, provision of methodologies) that the required methods in a project are implemented according to project plan / SW Quality Plan (this includes e.g., Quality Gates, status meetings, Start of Production readiness review, knowledge management)
 - Continuous quality reporting which contain the implementation status of measures and results according SW Quality Plan, and status of correction measures in case of deviations to meet planned targets
 - Collecting, analysing, and reporting periodically SWQA project metrics (on project and department levels)
 - Performing ISO TS 16949 internal audits (Internal Lead Auditor)
 - Training project team on SWQA related topics (process, standards etc.)
 - Lessons Learned moderator
 - Successfully lead the preparation for the assessments/audits in which the department was involved (certification audit for ISO/TS 16949)
 - Responsible of performing some internal ASPICE Assessments
 - Coach and Trainer for new Quality colleagues
- Business or sector** Chassis & Safety Division – Research & Development
Work products: Electric Power Steering Systems, Electric Brake Systems

EDUCATION AND TRAINING

OCTOBER 2014 – PRESENT

PhD

Technical University of Iasi; Faculty of Electrical Engineering, Power Engineering and Applied Computer Science

- Research on improving quality, safety, and cyber security management systems for automotive industry
- Technical work papers published:
 1. Mapping between Automotive SPICE 3.1 and IATF16949:2016 to support the process-optimization in the development of autonomous vehicles – SIEMEN 2019
 2. Integrated Management System for Quality, Safety and Security in Developing Autonomous Vehicle, Gifei S., Salceanu A., Proceedings of the 10-th International Symposium on ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE 2017), 23-25 March, Bucharest, Romania, pp.673-676, ISBN: 978-1-5090-5159-5

OCTOBER 2009 – JULY 2010

Master of science in engineering (Environmental monitoring systems)



Technical University of Iasi; Faculty of Electrical Engineering, Power Engineering and Applied Computer Science

- Measurement and control instrumentation of environmental parameters, Quality and maintenance environment management, Virtual environment monitoring systems

OCTOMBER 2004 – JUNE 2009

Bachelor of science in Applied Informatics (Electric)

Technical University of Iasi; Faculty of Electrical Engineering, Power Engineering and Applied Computer Science

- Measurements of electric and electronic (sensors, transducers, amplifiers, converters, etc.), Measurements in industrial processes; Electric drive, automatic regulation Technology; Computer Architecture, Computer Networks; Remote Data Transmission, Digital Circuits, Microprocessors and Measurement Microsystems; Automotive and Aircraft Board Instrumentation; Scheduling real-time applications, Modern Languages Description hard structures; Industrial robots, Artificial Intelligence etc

PERSONAL SKILLS

MOTHER TONGUE(S)

Romanian

OTHER LANGUAGE(S)

	UNDERSTANDING		SPEAKING		WRITING
	LISTENING	READING	SPOKEN INTERACTION	SPOKEN PRODUCTION	
English	C1	C1	C1	C1	C1
Replace with name of language certificate. Enter level if known.					
German	A2	A2	A1	A1	A2
Replace with name of language certificate. Enter level if known.					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

COMMUNICATION SKILLS

- Close cooperation with all interfaces defined inside Communication Matrix of the project (local and abroad) and good cooperation with the development team.
- International cooperation with the OEM's, suppliers, and projects teams.

**ORGANISATIONAL /
MANAGERIAL SKILLS**

- Leading the preparation for the assessments/audits in which the department was involved (e.g. certification audit for ISO/TS 16949, SPIICE, ISO26262)
- Leading the Project Safety activities for some projects.
- Leading internal ISO TS 16949 Audits (in the role of Lead Auditor)
- Leading small projects teams related to quality and safety

JOB-RELATED SKILLS

- good command of quality control processes
- quality oriented
- Safety oriented
- Security oriented
- Development methodologies knowledge: V-cycle, Agile
- Experience with MISRA, ISO26262, Autosar, ASPICE, ISO TS196949, SAE J3061, ISO 21434
- Experience with Many Tools used in developing of Cassis & Safety Projects (e.g., DOORS, MKS, Tele logic Synergy, Rhapsody etc)

- COMPUTER SKILLS
- good command of Microsoft Office™ tools
 - Programming languages: C/ C++/ C#/ Java/ MATLAB/ SQL/ PHP/ HTML/ ASM/ FoxPro/ Pascal/ Visual C.
 - CAD and graphics programming OrCAD, LabVIEW, AutoCAD.
 - Knowledge in programming PLCs: Homer, Siemens.
 - Databases: Oracle.

- DRIVING LICENCE
- B

ANNEXES

- References available upon request

