

Curriculum vitae

Personal information

Surname(s) / First name (s) **IAMANDEI AURELIAN**

Address (es)

Telephone(s)

Fax (es)

E-mail(s)

Nationality (-ies) Romanian

Date of birth

01.09. 2020- onward

Name and address of employer SC IA PROJECT SRL ; locality Apahida, District Cluj
Type of business or sector Production and repair of equipment, installations and spare parts for oilfield industry
Occupation or position held Administrator
Main activities and responsibilities Responsible for the performance of the entire organization.
Strategic decision-making that decides on the company's long and long-term issues, such as its development by creating new capacity, penetrating new markets...
Successful project: Rig Upgrade Cardwell in Erbil Irak, New Rig UW 30 for Romgaz, New Rig UW 48 for Mazarine, Rig Up and Start Drilling Project with Bentec Rig for OMV, Remanufacture Rig TW 30 for Romgaz, New Cementing Unit ACF 509-700 for Romgaz, develop new market for Inspection and Repairing Prevention Unit, New System for Monitoring Drilling Rig.

06.06. 2018- 30.08.2020

Name and address of employer **SC DAFORA SA ; locality Medias, District Sibiu**
Type of business or sector Production and repair of equipment, installations and spare parts for oilfield industry
Occupation or position held Manager Mecano-Energetic
Main activities and responsibilities Coordination of 150 peoples; superiors: 5
ISO 9001, API Implementation and coordination
-Verification of safety and technical norms observance
-Analyse of orders
- Verification of commercial offers
- Launch and follow-up of orders in progress
- Verification of manufacture documentation
- Quality check according to ISO, API, STAS
- budget allotment on orders,etc.

15.10.2008-onward

Name and address of employer **SC IA PROJECT SRL; locality Apahida, District Cluj**
Type of business or sector Production and repair drilling and geological equipment, mentenance and repair for heavy industrial machinne (CAT engine, JCB equipment,etc.), industrial designing .
Occupation or position held Administrator.
Main activities and responsibilities Responsible for the performance of the entire organization.
Strategic decision-making that decides on the company's long and long-term issues, such as its development by creating new capacity, penetrating new markets...

Work experience

01.08.2013-30.08.2015

Name and address of employer

Type of business or sector

Occupation or position held.

Main activities and responsibilities

EVDANCO OGC SRL: locality Targoviste, district Dambovita

Design and sale of oilfield equipment

Head of installation engineering department

Issue of computation breviary for subassemblies of drilling or intervention installation

Issue documentation for execution according to API, STAS and ISO, for drilling or intervention installation subassemblies.

Project cordonation, drilling rig F125 Solino, beneficiary Streicherb Drilling Tehnology.

Project cordonation, drilling rig STD250 to, beneficiary Streicherb Drilling Tehnology.

15.02.2011-13.05.2012

SName and address of employer

Type of business or sector

Occupation or position held.

Main activities and responsibilities

TESCO Corp: Canada

Production and rental TOP DRIVE, SDS,Casing Drilling equipment

Top Drive Tehnician

Supervise Top Drive, Repair, Inspections, Train the drillers

01.08.2010-15.02.2011

SName and address of employer

Type of business or sector

Occupation or position held

Main activities and responsibilities

SC CONNFIND SRL: locality Cimpina, district Prahova

Production and repair of equipment, installations and spare parts for oilfield industry

Project Manager-Design engineer

Issue of computation breviary for subassemblies of drilling or intervention installation

Issue of documentation for execution according to API, STAS and ISO, for installation's Issue the one power swivel 80 tf and the mast for the repair well rig 40 tf.

15.05.2009-30.04.2010

SName and address of employer

Type of business or sector

Occupation or position held

Main activities and responsibilities

SC ARMOS EXIM SRL: locality Tg. Mures, district Mures

Sales regional National Oilwel equipment, services Solid Control

Tehnicl offshore asistance

Tehnicl asiastance by the equipment Solid Control in: Offshore Turcia

21.06.2006-10.05.2008

Name and address of employer

Type of business or sector

Occupation or position held

Main activities and responsibilities

SC DAFORA SA ; Subsidiary TOTAL APAHIDA ; locality Apahida, District Cluj

Production and repair of equipment, installations and spare parts for oilfield industry

TOTAL Subsidiary Manager

Coordination of 123 peoples; superiors: 26

ISO 9001, API Implementation and coordination

-Verification of safety and technical norms observance

-Analyse of orders

- Verification of commercial offers

- Launch and follow-up of orders in progress

- Verification of manufacture documentation

- Quality check according to ISO, API, STAS

- budget allotment on orders,etc.

28.08.2005-21.06.2006

Name and address of employer

Type of business or sector

Occupation or position held

Main activities and responsibilities

SC DAFORA SA ; Subsidiary TOTAL APAHIDA ; locality Apahida, District Cluj

Production and repair of equipment, installations and spare parts for oilfield industry

Head of Technical Department

Coordination of 70 peoples; superiors: 3

ISO 9001 Implementation and coordination

-Verification of safety and technical norms observance

-Analyse of orders

- Verification of commercial offers
- Launch and follow-up of orders in progress
- Verification of manufacture documentation
- Quality check according to ISO, API, STAS

06.06.2004-28.08.2005

Name and address of employer
 Type of business or sector
 Occupation or position held
 Main activities and responsibilities

SC TC UPET SRL; Locality Tirgoviste, Dimbovita District

Design and sale of oilfield equipment
 Head of installation engineering department
 Coordination of 15 peoples; superiors: 4

- Issue of delivery sets and of engineering specifications for transportable drilling subassemblies and interventions, issue and check of computation breviary for cinematic circuits of installations and motor driven power pump, generator units (with Siemens motors) ant thermal (with CAT motors and Allison transmission or with torque converter), gear drives, belt drives, gearing, substructures, masts)
- Check of hydraulic and pneumatic circuits of installations and motor driven power pump , coordination of activity of engineering, verification of documentation for execution according to STAS, ISO, API, elaboration and survey o test programs of installation, participation to commissioning of installations TD 100, TD 50 in India (3 months) TD 80 in France 1 month.

05.04.2003- 06.06.2004

Name and address of employer
 Type of business or sector
 Occupation or position held
 Main activities and responsibilities

SC TC UPET SRL; Locality Tirgoviste, Dimbovita District

Design and sale of oilfield equipment
 Head of installation project
 Coordination of 0 persons; superiors: 5

- Issue of delivery sets and of engineering specifications for transportable drilling subassemblies and interventions, issue and check of computation breviary for cinematic circuits of installations and motor driven power pump, generator units (with Siemens motors) ant thermal (with CAT motors and Allison transmission or with fluid converter), gear drives, belt drives, gearing, substructures, musts)
- Check of hydraulic and pneumatic circuits of installations and motor driven power pump , coordination of activity of engineering, verification of documentation for execution according to STAS and API, elaboration and survey o test programs of installations; ended projects: drilling installations TD 125K, TD 160 TgM, , motor driven power pump 3PN 700, drilling hoist with disk brake , control and command system with disk brake.

02.05.2002- 05.04.2003

Name and address of employer
 Type of business or sector
 Occupation or position held
 Main activities and responsibilities

SC UPET SRL; Locality Tirgoviste, Dimbovita District

Design and sale of oilfield equipment
 Design engineer
 Coordination of 0 persons; superiors: 5

- Issue of computation breviary for subassemblies of drilling or intervention installation; generator unit- electric, thermo, hydraulic or pneumatic
- Issue of documentation for execution according to API, STAS and ISO, for installation's subassemblies ie: MAST MU 160, Mast MU 100, Mast MU 80, substructures of 125, 100, 50 tf, drilling installation TD 160 K
- Issue of technical specifications and programs of tests for designed subassemblies .

11.10.2001- 02.05.2002

Name and address of employer
 Type of business or sector
 Occupation or position held
 Main activities and responsibilities

SC UPET SRL; Locality Tirgoviste, Dimbovita District

Design and sale of oilfield equipment
 Design engineer
 Coordination of 0 persons; superiors: 5

- Issue of computation breviary for subassemblies of drilling or intervention installation
- Issue of documentation for execution according to API, STAS and ISO, for installation's subassemblies i.e. : substructures of 125, 100, 50 tf, Derrick man bridge for installation TD 125
- Issue of technical specifications and programs of tests for designed subassemblies.

11.10.2000- 11.10.2001

Name and address of employer	SC UPET SRL; Locality Tirgoviste, Dimbovita District
Type of business or sector	Design and sale of oilfield equipment
Occupation or position held	Technology dept engineer
Main activities and responsibilities	Coordination of 0 persons; superiors: 7 <ul style="list-style-type: none"> - Follow-up parts in progress - Issue of documentation for devices needed for parts manufacturing or tests - Finding non-conformities and repair
01.02.1994- 01.09.1995	
Name and address of employer	SC ROMTELECOM; Locality Ploiesti, Prahova District
Type of business or sector	Telecommunications
Occupation or position held	Electro mechanics
Main activities and responsibilities	- Maintenance and repair of phone relays of analogue and digital fixed phone equipment

Education and training

01.12.2001-09.09.2024	
Name and type of organisation providing education and training	University Petroleum and Gas University Ploiesti Faculty of Mechanical and Electrical Engineering – Oilfield Equipment Department
Principal subjects/Occupational skills covered	Field of mechanical engineering Title of thesis: Study of optimisation of modern transportable masts Dead line : August 2008
Title of qualification awarded	Post-graduate; Doctor Engineer;
01.10.2000-15.07.2001	
Name and type of organisation providing education and training	UPG Ploiesti (Petroleum and Gas University) Faculty of Mechanical and Electrical Engineering – Oilfield Equipment Department
Principal subjects/Occupational skills covered	Field of oilfield equipment for Offshore drilling
Title of qualification awarded	Master
01.10.1995-15.07.2000	
Name and type of organisation providing education and training	University Petroleum and Gas University Ploiesti Faculty of Mechanical and Electrical Engineering – Oilfield Equipment Department
Principal subjects/Occupational skills covered	Field of mechanical engineering Oilfield equipment
Title of qualification awarded	Mechanical Engineer
01.10.1991 – 15.07.1994	
Name and type of organisation providing education and training	Scholar Group Sacele Brasov
Principal subjects/Occupational skills covered	Post-high school of electronics and telecommunications
Title of qualification awarded	Radio- tv, computing machines and automation maintenance technician
15.09.1987-30.06.1991	
Name and type of organisation providing education and training	High School "Mihai Viteazul" Ploiesti

Personal skills and competences

Mother tongue(s)

Romanian

Other language(s)

English:



Reading – good
Writing- basic
Speaking- good

French:

Reading – good
Writing- basic
Speaking- basic

Russian:

Reading – basic
Writing- basic
Speaking- basic

Social skills and competences

During my professional activity I had to manage many activities what involved persons of different social or religious orientation and some activities have been deployed on site too.

Organisational skills and competences

Since 05.04.2003 I hold engineering positions for projects as: Substructure 125 tf, Mast MU 100 tf, installation TD 160, installation TD 125;
Control system and disk brake system
From 06.06.2004 I hold managing position (Middle management level) as manager of 15 engineers and I have achieved the following works:

- Intervention installations with disk brake TW 100, TW 50
- motor driven power pump 3 PN 700, electrical rig TD 80 EA4, etc

Computer skills and competences

From 28.08.2005 I hold a top management position; I coordinate engineers and workers and a year budget aboutUSD;

Computer skills: MS OFFICE (Word, Excel, Outlook) – advanced level
AUTOCAD 2D- advanced level;
INVENTOR 2D, 3D advanced level
COSMOSM 2.6 - advanced level
ANSYS 9.0 - beginner
Dlubal 6.06-advanced
SOLIDWORKS - beginner
MS Project- beginner

Technical skills and competences

Main achievements pursuant use of programs bellow are:
SOLIDWORKS- Substructure 125 tf
AUTOCAD Mast MU 100, substructure 50 tf, Derrick man bridge
CATIA 3D- Mast MU 160, Disk Brake hoist TF 15, Generator Container CAT 1750 KVA
COSMOS, ANSYS, DLUBAL - computation for MAST MU 100, Hoisting hook 100 TF
computation for MAST MU 125, Hoisting hook 125 TF
computation for MAST MU 160,
computation of telescopic beams and sluing mast, etc
computation of MU 30, MU 48
computation OMV 125 tf mast
computation F200 sub base
computation Mast stairs, etc...

LISTA DE LUCRĂRI

Nr. crt.	Lucrarca
1.	Iamandei, A., Vasilescu, S.N., Popa, I., Stanciu, L.S, Ripeanu, R.G., <i>Simulating the overload test for a 480 kN maximum hook load workover rig mast</i> , U.P.B. Sci. Bull., Series D, Vol. 84, Iss. 4, 2022, ISSN 1454-2358
2.	Iamandei, A., Ripeanu, R., Stanciu, L., Popa, I. and Vasilescu, S., <i>Experimental Results Regarding the Strains and Stresses Appeared Around Some Lifting Ears from a Cylinder Used in the Petrochemical Industry</i> , DOI 10.1088/1757-899X/1235/1/012050
3.	Iamandei, A., Ripeanu, R., Stanciu, L., Popa, I. and Vasilescu, S., <i>Numerical Analysis of the Stresses Appeared Around Some Lifting Ears from a Cylinder Used in the Petrochemical Industry</i> , DOI 10.1088/1757-899X/1235/1/012049
4.	Iamandei, A., Vasilescu, N.S., Popa, I., Stanciu, L.S., Ripeanu, R.G., <i>Analysis of the behaviour of a 480KN maximum hook load workover rig mast in the case of wind stress</i> , U.P.B. Sci. Bull., Series D, Vol. 83, Iss. 4, 2021 ISSN 1454-2358
5.	Iamandei, A., Ripeanu, R., Stanciu, L., Popa, I. and Vasilescu, S. , <i>A finite element analysis of a laboratory drilling equipment</i> , Conference: The 2021 World Congress on Advances in Structural Engineering and Mechanics (ASEM21), Korea, August 23-26, 2021
6.	Iamandei, A., Miloiu, G., <i>Motor Drives of Modern Drilling and Servicing Rigs for Oil and Gas Wells</i> , https://doi.org/10.1007/978-94-007-6558-0_50

