

EUROPEAN FORMAT
CURRICULUM VITAE



PERSONAL INFORMATION

Name SPERANDEI GIANNI
Address [REDACTED]
Phone Italia + [REDACTED] Sudan + [REDACTED]
Fax [REDACTED]
E-mail [REDACTED]

Nationality Italian

Date of birth [REDACTED]

WORK EXPERIENCE

FROM APRIL 2019 TILL NOW

- Name and address of employer
- Type of business or sector
- Occupation or position held

AI CS (ITALIAN AGENCY FOR DEVELOPMENT AND COOPERATION)

ITALIAN COOPERATION AGENCY BELONG ITALIAN FOREIGN AFFAIRS MINISTRY

CONSULTANT

Consultant for the design, construction of various pyrolysis plants for waste disposal. In particular waste from hospitals. Management of preparatory courses for the construction, management and maintenance of pyrolytic machines. Implementation of biodigestors for biogas production. Design and construction of plants and storage systems for the biogas produced. Implementation of systems for the use of biogas in domestic use and for cooking. Feasibility study for the remediation and safety of areas subject to flooding during the rainy season. Especially the mayo refugee camp. Off-road driving courses in extreme conditions such as mud, sand, high temperatures.

FROM SEPT 2018 TILL MARCH 2019

UNIDO SUDAN

RELOCATED IN KASSALA

UN AGENCY

CONSULTANT

FROM 2014 TILL SEPTEMBER 2018

Consultant for the development and implementation of new technologies in the alternative energy sector, such as photovoltaic, wind and systems that exploit waste. In particular, production of electricity through pyrolysis to dispose of plastic. Evaluation of existing power lines. Feasibility study for the design of a cold room for the storage and maintenance of foodstuffs with the addition of inert gas for long conservation. Training to local staff for the on-site management of the cold room, organized partly in Sudan and partly in Italy with the collaboration of UNIMORE (University of Modena and Reggio Emilia).

Emergency - Life Support For Civilian War Victims Ong-Onlus
Via Gerolamo Vida, 11 – 20127 Milano ITALIA
Ong-Onlus Organization non governmental - Nonprofit
Technical Manager

- Main activities and responsibilities

Since January 2014, I am the Technical Manager of 3 hospitals in Sudan: Salam Centre for Cardiac Surgery – Khartoum, Pediatric Center for Children in the Refugee Camp – Mayo (Khartoum), Pediatric Center – Port Sudan. I organize and supervise the work of more than 30 national employees for the ordinary and extraordinary maintenance of various electrical, water, medical gases, power generators, ups, cooling and air conditioning systems, plumbing. Thermal solar panels plants and pyrolysis systems for waste disposal. I participated in the design and construction of water wells and potable water systems, making the well of the Mayo Pediatric Center, and also I developed a wireless system for monitoring continuously water potability in the wells. Thanks to my previous experience in Automotive sector, I also deal with the vehicles supplied to the hospitals and with the mechanical workshop which I created in 2015 within the compound of the Salam Center for their maintenance and revision.

- FROM 1994 TO 2013

- Name and address of employer

VS Engineering di Sperandei Gianni Via la Ca' n. 2 – 42030 Villa Minozzo (RE) – ITALY

- Type of business or sector

Industry, Automotive, Alternative Energy

- Occupation or position held

Holder

- Main activities and responsibilities

Research, design, development, testing and prototyping in Automotive, Military and Special Vehicles.

Technical manager of various motor racing team as a race engineer, freelance telemetry. Design of maintenance of high pressure water pumps, waste disposal systems for electricity generation and pyrolysis and gasification systems.

From 1994 to 2013, I had several activities in the racing sector where I worked in both covered and discreet wheeled cars.

I worked with Aston Martin, Porsche, Ferrari, Lamborghini, GM, BMW Alfa Romeo, Mercedes in the covered wheel industry, in F.3 and F.3000 in the discreet wheel industry.

I followed upgrading courses as engine technician at Mercedes with Hunger engineer.

From January 2009 to the end of 2010 I followed the development and testing both on the track and on the road of Bizzarrini Ghepardo; of this project I followed the engine part directly from the USA with the Katech supplier, the redesign of the electrical system, the discharge and suction plant, the transmission shaft the suspensions.

I have followed all the approval phases for both road and FIA use for the track.

In Bizzarrini I was also following suppliers such as: Magneti Marelli Bosch, Pirelli, SKF, Mobil, TWR, Koni, Bilstein, Brembo, Arvin Meritor, OZ racing etc. and potential buyers.

I was also involved in drawing up manuals for both workshop and car and its components.

From 2005 to 2008 I followed first as a track engineer and then as a technical director the porsche cup championship for Turin's team.

In 2007 I also followed as a track engineer some European Lamborghini Gallardo races for "reiter engineering".

From October 2007 to 2009, I followed the creation and implementation of the Villois team with the Aston Martin GT3 in the OPEN GT Championship where I played the role of technical director and I was looking after the suppliers.

From 2001 to 2003 I was in charge of the Astra team's technical and track engineer, where I followed both the cars of the Mazda single-car championship and the cars involved in the World Rally Championship.

From 2003 to 2005 I followed the Italian prototype championship as technical director with SR2 and Cn4 cars.

From 1998 to 2000 I have done technical assistance and logistics organization at Toyota France engaged in competitions tout terrain.

From 1994 to 1997 I followed some teams involved in the rallies and off-road competitions.

EDUCATION AND TRAINING

• FROM 1980 TO 1985

• Name and type of organisation providing education and training

Professional technical institute Fermo Corni Vignola

• Title of qualification awarded

Mechanical technician

PERSONAL SKILLS AND COMPETENCES	<p>Excellent skills in the use and review of hydraulic pumps in particular high water and ultra high pressure.</p> <p>Excellent skills in the maintenance of oxygen production and breathable air plants and vacuum pumps.</p> <p>Excellent expertise in the maintenance of water filtration systems, such as sand, hyperfiltration and osmosis systems.</p> <p>Excellent skills in the management and maintenance of HVAC systems, in particular chillers with adsorption and accessories.</p> <p>I have realized and deposited patents in the field of water pumps and their use in the waste management sector.</p> <p>Excellent skills in the field of air compressors.</p> <p>Highly experienced in mid/high power engines for generating sets, in particular IVECO, MAN, Caterpillar, MTU, John Deere, Mitsubishi and Volvo. Good experience in micro and small hydroelectric plants</p> <p>I have worked in difficult areas by carrying out maintenance in rivers, in areas of landslides and extreme climatic conditions in snow and ice and in desert areas so I have developed a strong sense of adaptation to inpatient environments.</p>	
MOTHER TONGUE	ITALIAN	
OTHER LANGUAGES		
	ENGLISH	FRENCH
• Understanding	Good	Good
• Writing	Good	Medium
• Speaking	Good	Medium
SOCIAL SKILLS AND COMPETENCES	<p>Great propensity to work in team, relationship ability and spirit of adaptation; nonetheless, I am able to work on my own when required.</p> <p>Good strategic skills and strong ability to create synergies with and between people.</p>	
ORGANIZATIONAL SKILLS AND COMPETENCES	<p>Good organizational and logistics skills. I managed some motor racing team where I have also refined logistic skills, ranging from warehouse management to truck lorry transport to the circuitry needed for the activities.</p>	

TECHNICAL SKILLS AND COMPETENCES	<p>Good knowledge of the programs in windows environment on office platform. Excellent technical drawing knowledge.</p> <p>Medium skills in using cad design software, catia v5 and digital buck.</p> <p>Good knowledge of engine driving test cycles, in particular avl and its applications such as excite, fire and cruise. Good knowledge of dynamical brakes Borghi and Saveri.</p> <p>Excellent skills in the use and interpretation of diagnosis in automotive and not areas, excellent knowledge and use of data acquisition systems in various industrial sectors. Good knowledge of the kaizen cycle and lean organization.</p> <p>Good application skills in lean production. Excellent skills in the use of tools machine, such as turning mills, milling machines, arc welding machines, etc.</p> <p>Excellent knowledge of measuring instruments in the mechanical field such as diameters, micrometers and so on. High skills in the lubricant sector, in particular for special applications in racing and aeronautics fields with continuous updating courses at Mobil and BP Castrol.</p> <p>High skills in the use and application of rolling bearings where I collaborate with SKF racing division.</p> <p>Excellent skills in the use of preventative maintenance tools such as infrared cameras, measuring systems and laser alignment for water pumps and API 686 systems.</p>
OTHER SKILLS AND COMPETENCES	<p>During military service, I have gained expertise in the field of security and logistics that I have refined over time. I have developed systems for remote monitoring and control together with other companies.</p>
DRIVING LICENCE	<p>Italian A / B license, car driving instructor and off-road vehicle; Sudanese driving license up to 7.5 tonnes. International driving license</p>
ADDITIONAL INFORMATION	<p>Available to move and work in high risk areas and inhospitable environments.</p>