# JEAN-BAPTISTE BOVE

## PROFESSIONAL SUMMARY

Resourceful engineer with experience in humanitarian logistics, information management and multi-sector needs assessments. Demonstrated technology awareness thanks to experiences in both the private sector and International NGOs. Fluent English, French, Italian, Spanish and Portuguese speaker. Genuinely passionate about the use of technology in the humanitarian sector. Currently based in Italy and working for the Italian Red Cross as an Assessment Expert.

## PROFESSIONAL EXPERIENCE

**IE UNIVERSITY – TEACHING**                                                                    **MADRID, SPAIN**
*Adjunct Professor*                                                                    APR. 2023 – PRESENT
- Teaching of the class Big Data for Sustainable Development within the Master in International Development of the School of Global and Public Affairs.
- Modules covered: Introduction to Machine Learning and Artificial Intelligence; Introduction to the Humanitarian Programme Cycle and Evidence-based decision Making; Data Collection, analysis and visualization in the humanitarian sector; Data protection.

**ITALIAN RED CROSS – NEEDS ASSESSMENT, INFORMATION MANAGEMENT**                              **MILAN, ITALY**
*Assessment Expert*                                                                    MAY 2023 – PRESENT
- Supporting the development of early warning to early action systems of partner national societies and civil protection systems.
- Supporting the planning and implementation of emergency response activities in Italy and in international emergencies.
- Organizing and implementing civil protection simulations and exercises in a DG-ECHO funded project in Georgia, Armenia, Azerbaijan, Ukraine and Moldavia.

**REACH – NEEDS ASSESSMENT, INFORMATION MANAGEMENT**                                **PORT-AU-PRINCE, HAÏTI**
*Assessment Officer*                                                                    SEPT. 2022 – MAR. 2023
- Planning and coordination of the multi-sector needs assessment (MSNA) research cycle.
- Planning and coordination of the Joint Market Monitoring Initiative and definition of the Minimum Expenditure Basket.
- Overseeing data collection activities as well as enumerators training.
- Ensuring data protection guidelines are respected and upheld.
- Writing of repots and MSNA outputs (factsheets, MSNA Bulletin, presentations, situation reports, maps).
- Engaging with external stakeholders (sector clusters, OCHA) to ensure MSNA results are used and benefit the humanitarian community at large.

**WEWORLD GVC – LOGISTICS, INFORMATION MANAGEMENT**                                   **BUJUMBURA, BURUNDI**
*Logistics and IM Officer*                                                                    NOV. 2021 – JUNE 2022
- Developed an Information Management system for fleet management using Kobo and PowerBI
- Provided training on the use of kobo to drivers, fleet managers and other staff
- Digitized paper-based logistics tools such as the log book, the maintenance reports, the fuel refilling sheets and the accidents reports significantly improving the accuracy and quality of fleet data and reporting
- Produced maps of accidents reports and speed excess events using geo data from a third party supplier for vehicle tracking
- Managed the relationships with all the suppliers, conducted local and regional market analyses and negotiated prices for multiple markets
- Launched a multi-market open tender and analyzed offers and markets for more than 150 suppliers
- Ensured the compliance with donors and organization's procurement procedures and methods
- Consolidated procurement plans and ensured the correct use of procurement tools
- Oversaw the national and international transports for the whole supply chain (reception, stock and inventory, internal transport and distribution)
- Supported the log admin of 2 different bases inside the country through capacity building and field visits

**DATA FRIENDLY SPACE – HUMANITARIAN NEEDS ANALYSIS AND PRODUCT DEVELOPMENT**                          **MILANO, ITALY**
*Data Entry and Exploration Platform Innovation Lead*                                          SEPT. 2020 – NOV. 2021
- Responsible for the design, development and launch of the Data Entry and Exploration Platform, a software used by humanitarian analysts to collect, process and analyze qualitative data.
- Coordinated a team of 8 software developers (SCRUM Agile framework), 4 machine learning engineers and 2 UX/UI consultants for the development of new features.
- Managed the research and development of machine learning (NLP) features to automate data processing and analysis.
- Created a network of partnerships with academia, NGOs and UN agencies to enrich the platform through collaboration.

**GIOTTOAI – SOFTWARE DEVELOPMENT**                                                       **LAUSANNE, SWITZERLAND**
*Head of People and Growth*                                                              JAN. 2018 – JULY 2019
- Managed the human resources department leading a team of 4 in recruitment activities, finance and administration.
- Designed a company-wide learning and development program for staff on natural language processing and data analysis.
- Created a network of IT partners and negotiated pricing and fees slashing development costs by 20%.
- Established partnerships with academia and research institutions.

## EDUCATION

**UNIVERSITÀ POLITECNICA DELLE MARCHE**                                                           **MILANO, ITALY**
*Master of Science, Humanitarian Logistics*                                             DEC. 2020 – MAR. 2022
- Modules: Supply Chain and Procurement, Stock and Inventory Management, Needs Assessment, Fleet Management, WASH, Shelter, Health, Telecommunications, Facility and Energy Management, Security and Safety.

**IE UNIVERSITY – UNITED NATIONS SYSTEM STAFF COLLEGE**                                            **MADRID, SPAIN**
*Master of Science, International Development* (DEAN'S LIST)                              SEPT. 2019 – JULY 2020
- Specialization in Development Innovation and Emerging Technologies, Data Analysis and Results-Based Management.
- [Thesis](#) on The Use and Impact of Crowdsourcing and Machine Learning in Humanitarian Disaster Management ([tutorial](#)).
- [Data Analysis project](#) in nutrition and food security using R on a real case WFP-UNICEF dataset on the double burden of malnutrition in Yangon, Myanmar (nutrition survey data, R studio)

**ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE**                                                **LAUSANNE, SWITZERLAND**
*Bachelor of Science, Biomedical Engineering*                                            SEPT. 2012 – JULY 2016
- Interdisciplinary engineering degree at the junction of Life Sciences, Mathematics and Computer Science.

## LANGUAGES, IT SKILLS & CERTIFICATIONS

**French** (Native); **Italian** (Native); **Spanish** (Fluent); **English** (Fluent); **Portuguese** (Fluent);
**R** (intermediate); **Excel/Googlesheets** (advanced); **C++** (basic); **Python** (basic); **PowerBI** (intermediate); **Tableau** (intermediate); **QGIS** (basic); **Kobo Toolbox/ODK** (advanced)
**Logistics Cluster Information Management Induction Training**, delivered by the WFP on 31st May 2022