Ansary MARECAR

+33.(0)6.49.85.38.08
ansarymarecar@gmail.com

Car Licence
French Nationality
Born: 1996 – 26 years

With few years of experiences in innovation project (Virtual Reality, Data science, Rolling Stock 4.0, Artificial Intelligence) for the French railway, I am open to a new position.

Available: September 2022

ansarymarecar.github.io
linkedin.com/in/ansary-marecar

EDUCATIONS

MASTER OF ENGINEERING
ESIEE Paris – University Gustave Eiffel

Hons, GPA: 4.0, Mark: 17.66/20 rank: 1st

Major 1: Generalist Engineering in Technological Innovation

Major 2: Computer Sciences

Activities: Elected at student life committee

Thesis: Adapting agility & blue ocean innovation strategy for the French railway

BACHELOR OF ART
University Paris-Est Créteil

Hons, GPA: 3.47, rank: 3rd

Major 1: Law, Economy & Management
Major 2: Computer Sci. & Management

Certificate: CyberEdu (ANSSI, Gov. French agency for information system security)

2 YEARS DIPLOMA
University Sorbonne Paris Nord

Hons, GPA: 3.88

Major: Computer Sciences

LANGUAGES

French: Native, Voltaire Certification
English: Professional, TOEIC Certification
Spanish: B2 (LV2)
Arabic Fusha: B1 (LV3)
Tamil: Good level

ACTIVITIES

Playing sports: Judo (Paris regional vice champion), Handball (department champion)

Watching sports: Tennis, Football, Handball

Ex se

EXPERIENCES

09/21 – 09/22 ENGINEERING PROJECT MANAGER
Department: Industry 4.0 (Rolling Stock 4.0)
SNCF Matériel, Saint-Denis/Lille/Lyon, France

Information System in charge: Internal MES for train maintenance factories (train from: SNCF, Keolis, Belgium Railway, Thalys, Eurostar, RATP, CF Luxembourg Railway, etc.) +3500 regular users/month

- Maintained KPI, project process, planification,
- Organized staff, provided all need for staff,
- Communicated with stakeholders & board management,
- Improved supply chain with real time information,
- Replaced scrum master, Improved crystal Framework use,
- Coordinated sprints, retrospective meetings, and daily,
- Insured an important amount of migration (Cloud, DevOps, FINOPS, micro-services, bus communication, DB, cloud monitoring services, Framework, operating process, etc.),
- Improved ICT architecture (relation between other Information systems and tools),
- Connected information system with 30 digital signage modules, 200 barcode scanners, 100 industrial printers
- Manipulated data and extracted from large datasets (hundreds of millions of data).

Staff: 1 scrum-master, 1 tech-lead, 8 developers, 2 DevOPS, 1 test developer, 1 PO - Sprint: 3 weeks

Coding: *Python, Pandas, Matplotlit, PostgreSQL, MySQL*
Monitoring/data visualization: *Kibana, Datatog, Power BI*
Software: *MS Project, GanttProject, Jira, Office365 (including Power Automate, Sharepoint), draw.io, People Soft*
Cloud: *AWS, EKS, AWS S3*

09/20 – 09/21 INNOVATION HRIS PROJECT MANAGER
Department: Human Ressources / Information System
SNCF Réseau, Paris, France

- Conducted Railway Training Planification Information Systems based with Machine Learning (2.5 million hours of training),
- Defined HR Information Systems long-term strategies (2022 to 2024),
- Managed quantitative HRIS projects for a gain of €k400/year,
- Analyzed an amount of railway training data

Web: *PHP, MySQL, Datatable, Highchart*
Software: *Trello, AutoIT, Primavera, Office365 (including Sharepoint)*

SKILLS

MANAGEMENT

Project Management / Communication / Staff Management / Planification / CSR

Project Management: Agile, Waterfall
Agile: KANBAN, SCRUM
Scheduling: GANT, MS Project, Primavera
Modeling: BPML, UML, MERISE, Modelio
PM software: Trello, Jira

COMPUTER SCIENCE

Image Processing/ Artificial Intelligence / DEVOPS / WEB

Database: MySQL, Postgre SQL, SQL Server, Mango DBB
Data Mining: Power BI, ELK/Kibana
Object: JAVA Spring, Python, C++, C#
Machine Learning library: Scikit-learn, Numpy, Pandas, Matplotlib, OpenCV
PaaS: Docker **Web:** Php, HTML, CSS

FINANCE

Economy: Microeconomics, Macroeconomics, Business Finance
Management accounting: Full Costing, Direct Costing, Marginal Costing

OIL AND GAS

Operation and technology : Hydrocarbon system, Reservoir rock, Exploration tools, Crude oil distillation, etc.
Oil Industry markets : Cost, Revenue, Price elasticity, Reserves, Resources, etc.

ELECTROMECHANIC

Electronic: simulation
Mecanics: Vibration signaling
Tools: Matlab Simulink, PSPICE, Solidworks

Rail signalling system basics
Railway Security & Rolling stock basics

OTHER

ERP: SAP Hanna, Oracle People Soft
Office: Google & Office 365
Law: EU GDPR, French DIL

EXPERIENCES

10/18 – 09/20 INFORMATION SYSTEM PROJECT ENGINEER
Department: Information System for Transversal Problems
SNCF Réseau, Saint-Denis, France

- Managed an Information System project of €k310 for a gain of €k300/year & scrum master (2 developers full time),
- Launched & Directed Rail Summer Innovation project: Virtual Reality, Geographic data (2 trainees in my charge),
- Implemented configurable dashboard for railway HR,
- Schedulled all project steps with Primavera,
- Redacted project specifications,
- Communicated with stakeholders & board management,
- Coordinated sprints, retrospective meetings, and daily.

Web: *Bootstrap, ChartJS, Angular*   **Modeling:** *UML*
Software: *Primavera, Jira, Office365 (included Power Apps)*

03/18 – 07/18 INFORMATION SYSTEM DEVELOPER
Department: SNCF Nevers Factory / IT department
SNCF Mobilité, Nevers, France

- Elaborated a program for logistics optimizations,
- Used an industrial printer and barcode scanner

Database: *SQL Server, PostgreSQL*

10/16 – 09/17 PROJECT MANAGER
Department: Railway schools / Board Management
SNCF Réseau, Nanterre, France

- Scaled all railway school path need,
- Uniformised operating process between 20 railways schools
- Elabored Power BI dashboard to optimize client decision.

Distinction: 1st innovation prize, Léonard SNCF Réseau 2017

Monitoring: *Power BI*
Web: *Bootstrap, Php, MySQL* **Modeling:** *UML*

09/15 – 09/16 WEBMASTER
Department: National Railway School / IT & network
SNCF Réseau, Nanterre, France

- Developed web based application

Web: *Bootstrap, Php, MySQL* **Modeling:** *UML*

TECHNICAL ACADEMIC EXPERIENCES

2020 – 2021 Computer Science engineer
CATASTIMA, Chaine de magasin d'une franchise bio

Description
- Created microservices Web app on Docker for organic and natural food retail chains.
- 11 Docker containers (5 MySQL database, 5 backend, 1 front-end)

Technologies
- Architecture: Docker (Docker-compose & Dockerfile), Spotify library
- Backend & Frontend: Java (Spring), API REST, Feign Client, Spring Security
- Web: Thymeleaf, HTML, Bootstrap

2021 Image treatment algorithm
Research

Description of 3 projects:
- Created a tool to hash an information into an image without damaging image
- Created a tool based on Seam Carving algorithm to resize image without loosing quality
- Created an algorithm to detect automatically an object (example: ball)

Technologies
- C++, Python, OPENCV, Jupyter Notebook

2021 Machine learning algorithm
Research

Description of 2 project:
- Coded machine learning linear algorithm to understand Paris apartment cost price evolution on the last 4 years. Configurable algorithm allowing the analysis to be carried out on another city or on a set of cities.
- Coded machine learning algorithm to play chess between an other algorithm with persistent hash table.

- Technologies
Python, MATPLOTLIB, PANDAS, Jupyter notebook, C

2019-2020 Computer Science engineer
Secure Retirement Home Software

Description
- Created microservices Desktop app for retirement home in relation between sensors (humidity, temperature, light, carbon, etc.)
- Analyzed data with monitoring alert,
- Created an IT admin panel, Create,
- Created a data simulation panel

Technologies
- Architecture: Java
- Backend & Frontend: Java
- Cache: Guava (Google) Communication file: Json (Jackson)

Ansary MARECAR

Paris Region
+33.(0)6.49.85.38.08
ansarymarecar@gmail.com

Car Licence – French Nationality
Born: 1996
linkedin.com/in/ansary-marecar

https://ansarymarecar.github.io

PROFESSIONAL REFERENCES

Original: French	Translation: English
Ansary est quelqu'un de très impliqué dans son travail, son organisation et son adaptabilité au sujet qu'on lui propose lui sont d'un grand atout dans son aptitude à gérer un groupe. J'ai pris beaucoup de plaisir à avoir Ansary dans mon équipe, on s'y attache très vite.	Ansary is someone very involved in his work, his organization and his adaptability to the subject that is proposed to him are a great asset in his ability to manage a group. I enjoyed having Ansary in my team, we get attached to him very quickly.

Nabil AMAR on LinkedIn
Business Intelligence Advisor at CGI, Ex-president of RP13 NGO
Nabil AMAR was the manager of Ansary MARECAR at RP13 NGO

Original: French	Translation: English
« … il a fait preuve de beaucoup de compétences et de sérieux sur le plan informatique, mais également sur le plan relationnel. Nous souhaitons donc le remercier pour le travail apporté au département … »	"… He showed a lot of skills and seriousness on the computer and relational level. We would therefore like to thank him for the work he has brought to the department …"

Gérard CADET
Gerard.cadet@sncf.fr
Ex-Director ot SNCF Réseau Railway Paris School

& Stéphane POUROL
stephane.pourol@sncf.fr
Manager

Ansary MARECAR has worked for Gérard Cadet and Stéphane POUROL

Original: French	Translation: English
« Il a su exercé ses fonctions avec discernement et rigueur, tout en y apportant beaucoup de motivation et de dynamisme. Il était particulièrement apprécié par ses collègues et sa direction, notamment pour sa capacité d'intégration rapide. »	"… He was able to carry his functions with discernment and rigor while bringing a lot of motivation and dynamism. He was particularly appreciated by his colleagues and his hierarchy, notably for his ability to integrate quickly."

Sébastien COUSSY
sebastien.coussy@sncf.fr
IT services manager
Sébastien Coussy was the manager of Ansary Marecar

Other manager:
Maxime VIOLANTE, maxime.violante@sncf.fr
Babée Texier Atger, babee.texier_atger@reseau.sncf.fr
Yohann BOURGAULT, y.bourgault@sncf.fr
Brigitte VERMELLE, brigitte.vermelle@sncf.fr

Ansary MARECAR

Paris Region
+33.(0)6.49.85.38.08
ansarymarecar@gmail.com

Car Licence – French Nationality
Born: 1996
linkedin.com/in/ansary-marecar

https://ansarymarecar.github.io

ACADEMIC REFERENCES

Original: French	Translation: English
Un étudiant qui marque : sérieux, travailleur et moteur dans son groupe. Sans parler de l'énergie et du sourire!	A student who you won't forget. Serious, hardworking student and a source of motivation for classmates without mentioning his energy and his smile!

Olivia Ayme Pietrin on LinkedIn
Enseignante Techniques d'expression et Communication chez Université Sorbonne Paris Nord
Technical communication teacher at University Sorbonne Paris Nord (Paris 13)
Olivia Ayme was the teacher & in charge of the 2nd semester at Univ. Sorbonne PN of Ansary

Original: English	Translation: French
"I would describe Mr. Marecar as being a hard-working student endowed with a curious mind and excellent personal communication skills, which single him out from his fellow-students in terms of oral performance. …" "Mr. Marecar has always been attentive, diligent, and respectful, …"	« Je décrirais M. Marecar comme un étudiant assidu doté d'un esprit curieux avec d'excellentes compétences en communication personnelle, ce qui le distingue de ses camarades à l'orale. … » « M. Marecar a toujours été attentif, diligent et respectueux,… »

Melissa Barry
melissabarry814@gmail.com; melissa.barry@uvsq.fr ; Melissa.Barry@etu.univ-paris1.fr
English Associate Teacher & researcher, Université Paris-Est Créteil
Melissa Barry was the English teacher of Ansary Marecar

Original: French	Translation: English
« Sa participation comme ses résultats témoignent d'une volonté et d'une aptitude à suivre et à réussir dans un cursus approfondi en Management… »	" … His participation as its results testify to a will and an aptitude to follow and to succeed in the field of management …"

Philippe TOURON
philippe.touron@esiee.fr
Enseignant en mathématiques à l'ESIEE Paris
Mathematics teacher (statistics,) at ESIEE PARIS
Philippe TOURON was the Maths teacher of Ansary Marecar