

# Aref TAHHAN

Future Start-Up Founder,  
Expert UX Manager,  
Seasoned in Product  
management and System  
architecture



## Personal Info

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## Skills

Problem Solving

S.A.F.E Scaled Agile Framework

Conflict resolution

Autonomy

Resilience

## Software

Project Management : Python, VBA, PLM, JIRA and RTC

Automotive networks: VECTOR, UDS and GOEPOL

UX design: Axure, Adobe XD and Figma

UX Dynamics : C, C++, Artisan, QT and Unity

Architecture design : CATIA, EA, Preevision and VISIO

Requirements management: Doors, ENOVIA, REQIFY and Macro VBA

Mechatronics: Matlab, Quartus, Ansys

### 10 Years of Experience

"Proven expertise in software development and human-machine interface design, paired with agile transformation and international experience, now focused on leveraging this background to **launch and scale** a deeptech or technology company."

## Work History

07/2021 - present	<b>Infotainment HMI UX Expert</b> <i>STELLANTIS, Vélizy</i> <ul style="list-style-type: none"><li>Designed innovative driver interfaces across all 14 Stellantis brands, integrating cutting-edge technologies like 3D displays and next-generation HUDs.</li><li>Led cross-functional collaboration (SW, design, ergonomics, safety, and quality) to enhance cockpit user experience and perceived quality.</li><li>Contributed to innovation with over 100 patent proposals in HMI development.</li><li>Represented Stellantis at international events and conferences, showcasing innovations and strategic directions.</li><li>Conducted training, mentoring, and team coaching to boost organizational efficiency and skills.</li></ul>
01/2018 - present	<b>Product Owner</b> <i>PSA 'that became' STELLANTIS, Vélizy</i> <ul style="list-style-type: none"><li>Oversaw the design, development, and validation of driver displays, HUD systems, and multifunction screens using CAN, DIAG, and GMSL (LVDS) networks.</li><li>Applied Agile SAFe methodology to ensure efficient development and compliance with ISO 26262 standards.</li><li>Collaborated with network teams on CAN, DIAG, and LVDS strategies.</li><li>Successfully managed five production development cycles, meeting deadlines and quality standards.</li><li>Focused on innovation with forward-looking projects for the automotive industry.</li></ul>
03/2016 - 12/2017	<b>Project Leader</b> <i>ALTRAN 'that became' CAMGEMINI, Belfort</i> <ul style="list-style-type: none"><li>Managed a €400K budget within a €1.2M project, overseeing resource allocation and activity planning.</li><li>Supervised progress tracking and client communication to ensure satisfaction.</li><li>Led a team of 25 consultants, engineers, and technicians.</li><li>Ensured activity validation, client satisfaction, and project profitability.</li></ul>
01/2016 - 12/2017	<b>HMI Spec Engineer</b> <i>ALTRAN 'that became' CAPGEMINI, Belfort</i> <ul style="list-style-type: none"><li>Authored and updated functional, technical, and HMI documentation for comfort and driver assistance systems.</li><li>Coordinated with system architects and project teams to define and implement functional and HMI requirements.</li><li>Managed supplier relationships, including pre-development and development phase evaluations.</li><li>Identified and detailed functional and HMI needs for each project.</li><li>Integrated new features into vehicle network architecture.</li></ul>
05/2014 - 03/2015	<b>Research Engineer</b> <i>Institut Femto-ST, Departement :AS2M, TEAM: CODE (CNRS), Besançon</i> <ul style="list-style-type: none"><li>Modeled, analyzed, and experimented on microfabricated electrothermal actuators as part of the LABEX-ACTION project.</li><li>Conducted multiphysics simulations to validate actuation models.</li><li>Explored applications of actuators in multi-stable micro-robotic structures.</li><li>Published scientific work, including "Dynamic electro-thermo-mechanical modeling of a U-shaped electro-thermal actuator" (Journal of Micromechanics and Microengineering, 2015).</li></ul>

Languages
French - C2
Spanish - A1
Arabic - C2

Hobby/Interest
<ul style="list-style-type: none"><li><b>Teaching:</b> Delivered English courses for students preparing for official tests such as IELTS and TOEFL. Co-authored a poetry book translated in collaboration with my uncle.</li><li><b>Hobbies:</b> Music European football Traveling across Europe and the Middle East Movies and series Chess</li><li><b>Community Involvement:</b> Member of the Latin Scouts of the Holy Land in Aleppo, Syria (12 years).</li><li><b>Interest in Video Games:</b> Passionate about video games, especially open-world and military strategy games.</li></ul>

Certificates
09/2023
S.A.F.E 6.0
08/2019
System Architect
09/2024
Introduction to Quantum Information
07/2024
API Design and Security at Google
11/2024
EMI basics (Tüv)

Education
09/2024
- present
Innovation & Deeptech, Advanced Master's
Ecoles des Mines Paris (PSL), Paris
09/2013
- 03/2015
Embeded Systems, Master 2 en Mécatronique et Energie R&D
University Of Strasbourg -UFR physique et ingénierie, Strasbourg
09/2007
- 09/2013
Electronics and embedded systems, Mechatronics Engineer
Aleppo University, Alep, Syrie
05/2024
- present
Tech, Multiple Online Certificates
Google, IBM, KST and TÜV
A digital boost to open-up to new tech trends:
<ul style="list-style-type: none"><li>Api management courses withing Google</li><li>Quantum basics</li><li>AI basics and AI in system architecture specifics</li><li>Cyber Security trends</li><li>Hackathons and fast prototyping</li></ul>

Projects
09/2023
Presentation of Stellantis as HUD expert in Automotive-Iq
<a href="https://www.automotive-iq.com/events-visual-display-hmi">https://www.automotive-iq.com/events-visual-display-hmi</a>
12/2019
Press Event of the 308 Car presentation
<a href="https://www.youtube.com/watch?v=Yli2iLr0cow">https://www.youtube.com/watch?v=Yli2iLr0cow</a>

Courses
10/2023
S.A.F.E 6.0
05/2022
Gestion de la qualité en production de masse
03/2021
Gestion des Risques et Opportunités
05/2020
Résolution de Problèmes
09/2019
Architecture Véhicules
06/2019
Habilitation Systèmes Véhicules Électriques
06/2018
Permis A 130
03/2018
PLM (Product Life Cycle Management)
06/2017
Gestions de Projet (PMQP)