

MANON SALSOU

SOFTWARE / CYBERSECURITY ENGINEER

CONTACT

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PROFILE

Sustainability and quality are the key words that guarantee the success of an IT project. I work with you to help you deliver your IT projects by combining these values with digital innovation and/or IoT. My versatility gives me a better view of how your product is designed, while bringing the technical expertise I have built up over the years.

SKILLS

MOBILE / IOT APPLICATIONS

Development, design, languages

Software architecture, Design Patterns,
Clean Code

Low level, systems and networks

Embedded electronics, protocols and
data exchange, C++, Robotics SDK

Kotlin, iOS, Mobile CI, Firebase, Security and
Mobility, ARKit

WEB / APPLICATION DEVELOPMENT

Back-end

PHP, Symfony, Linux, Python, Docker, Bash, SQL /
NoSQL, WordPress, Node.js, Java, AWS, Azure

Front-End

HTML, CSS/SCSS, Javascript, React, NextJS,
jQuery

UX / UI

Adobe Suite, Design Thinking, Atomic Design,
Benchmark, Experience Map, Wireframe,
Prototyping, Figma

Motion

3D, Motion AE, Animation

EXPERIENCE



CYBERSECURITY ENGINEER

FRENCH MINISTRY OF THE ARMED FORCES - 2025 - PRESENT

Confidential details



WORK-STUDY IOT TEST MANAGER

RATP > INFRA > DTI > LEM > PEL - 2021 - 2024

Large-scale experiment to equip and monitor multiple physical parameters on various
RATP structures

- Find, develop and test communicating sensors
- Find solutions to connect existing sensors that are not communicating
- Administer the information system (SaaS type) that receives the data
- Study the possibilities offered by artificial intelligence (machine and deep learning) for predictive maintenance, test different IoT networks and address complex issues
- Department-wide feedback on innovative tools for field teams
- Project management training

EDUCATION

- EXPERT IN SYSTEMS AND NETWORKS ARCHITECTURES AND IT SECURITY
- RNCP LEVEL 7 -

ESGI, Paris
Mobility & Connected Objects
2022 - 2024
- ENGINEERING DEGREE COMPUTER SCIENCE
- RNCP LEVEL 7 -

3iL, Limoges
2021 - 2022 (changed track in 4th year)
- BACHELOR IN DIGITAL PROJECT MANAGEMENT
- RNCP LEVEL 6 -

EEMI, Paris
Web & Mobile Development, Design, Marketing, Management
2018 - 2021
- SCIENTIFIC BACCALAUREATE
Cité scolaire Marie Curie, Sceaux
Life & Earth Sciences, Mathematics
2015 - 2018

EXPERIENCE

- PROJECT OFFICER INTERNSHIP

ORANGE > DTSI > DISU - 2021
Development of optimisation tools and cybersecurity audit of database access for the users of the DISU (Managed Services and User Support Department).
 - Proposal of tools to make the IPON (FTTH - Fiber To The Home - route referencing) and Artémis (control of all broadband offer orders) applications easier to use
 - Cybersecurity audit of database access management, with a complete restructuring of the naming convention of the various access groups of the DISU
- AUGMENTED REALITY MOBILE APPLICATION DEVELOPER

NOVAE MEMORAE - 2020
Development of an iPad iOS application to view the theatre of Saint-Pierre (Martinique) before its destruction, in augmented reality, by watching audio and video excerpts of its history
 - Set up of project tracking tools
 - ARKit 3 training
 - Place a virtual object in the World Map
 - Performance and code optimisation
 - Create zones and detect the user's location in the World Map
 - Design of the application logo
- IT APPLICATIONS ASSISTANT

SANTARELLI - 2019
Development of a tool to digitise customer invoices