

César Lizurey

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Senior IT Project Manager | DevSecOps & Cybersecurity | French Gendarmerie Officer

Over 20 years of hands-on experience in software development, industrialisation and enterprise architecture for large-scale projects. A career as a French Gendarmerie officer shaped by command in high-risk areas and the management of strategic projects, focused on the agile transformation of organisations.

PROFESSIONAL EXPERIENCE

TECH

2023 – present:
Cyber Officer – Gironde Departmental Gendarmerie Command

- Lead the cyber strategy for France's largest département, with around 1,500 gendarmes.
- Coordinate with ANSSI (the French national cybersecurity agency) and the Campus Cyber to reduce the risk of attacks through an ongoing awareness programme; trained more than 40 volunteer advisers for the national *Mon Aide Cyber* scheme.
- Design operational applications that share information across levels (decision-makers and field units), following a "tell us once" principle for sound data management.
- Develop AI tools to optimise resource allocation (summer season, 2024 Olympic Games).
- Take part in cyber exercises and CTF competitions to support recruitment and the institution's outreach.
- Give cyber talks to a wide range of audiences (local authorities, businesses, insurers, chambers of commerce, etc.).
- Information security watch and foresight.
- As communications officer: lead communications, manage social media accounts, organise media reports, liaise with local and national media, and mentor an apprentice communications officer.

2021 – present:
Project Manager – Solaris (Gendarmerie Digital Workflow Information System)

- Turned a community-driven project into a mission-critical operational system (140k+ users): redesigned the architecture, reduced reliance on a few key experts, and secured long-term maintenance.
- Rolled out Agile Scrum (training, tooling, change management) and DevOps (testing, quality, CI/CD) to speed up delivery cycles.
- Led an information security audit with immediate remediation; defined interface contracts as part of an enterprise architecture approach.
- Manage a hybrid in-house and contractor team, a network of about 15 lead users, and an annual budget of about €300k.

2020 – 2023:
Design Officer – Foresight and Innovation Department, French Gendarmerie Transformation Service

- Created the French Gendarmerie's foresight capability
  - Contributed to the work of the French Defence *Red Team* and adapted it to the Gendarmerie
  - Launched a community of about twenty horizon scanners monitoring a range of cross-cutting topics, feeding the institution's foresight work
- Redesigned the management of participatory innovation
  - designed the process, with published initiatives and online voting campaigns
  - developed the supporting tool, open to all 100,000 staff

2014 – 2017:
Project Manager – French Wanted Persons File (FPR2)

- Designed and deployed, under tight deadlines, an interoperable national information system replacing two obsolete systems: 250k+ daily users, 100M+ queries a year, 600k+ records, budget of about €3M.
- Personally carried out the GCOS7/COBOL reverse engineering and the full data migration (published lessons-learned report).
- Managed technical teams (6 developers) and business stakeholders (10 contacts) across several institutions; led change management across several directorates and ministries.

OPERATIONAL

2017 – 2020:
Company Commander – Nouméa Gendarmerie Company (New Caledonia)

- Commanded about 300 military personnel (territorial and mobile gendarmes) in a French overseas territory under difficult conditions
- Multi-crisis context, including the first independence referendum in 2018, marked by armed clashes during which the smooth running of the vote had to be guaranteed, and the COVID-19 pandemic
- Reduced crime through data analysis and innovative operations
- Freed personnel to focus on their core duties by developing tools despite a technology gap (including an open-source proxy-voting assistant)

2009 – 2012:
Brigade Commander – Écouen Gendarmerie Brigade (Val-d'Oise, Paris region)

- Commanded about twenty military personnel in a sensitive suburban area taken over from the National Police, in a context of urban violence
- Data-driven crime analysis and unit management; introduced tools to reduce the administrative workload and optimise operational resources
- Reduced every category of crime, with zero road fatalities

EDUCATION

DEGREES

Saint-Cyr Military Academy (2008)
Master's degree in Computer Science
Military training: leadership and command, operational manoeuvres

French Gendarmerie Officers' Academy (2009)
Training in criminal investigation, intelligence, public order and public safety

Télécom ParisTech & ESSEC Business School (2013)
Advanced Master's in Technology Project Management

Conservatoire National des Arts et Métiers – CNAM (2023)
Doctorate in Business Administration
Thesis on innovation management and foresight in organisations, supervised by Alain Bauer

ENSEIRB-MATMECA (Bordeaux INP)
Institutional Diploma – Digital Infrastructure Cybersecurity Expert (2025, *ranked 1st in class*)
Institutional Diploma – Artificial Intelligence Expert (2026, *ranked 1st in class*)

CERTIFICATIONS

Machine Learning

Full Stack, AI Product Manager, AI Developer

Professional Scrum Master II

Project Management Professional

Expert Innovator

SKILLS

Development: Web expertise, Docker, GitLab CI/CD, Kubernetes, PostgreSQL

Cybersecurity: ISO 27001, EBIOS-RM

AI/ML: Automation, agentic systems, AI applied to real-world problems (computer vision, NLP, decision support)

Methodologies: Agile, Scrum, DevSecOps

LANGUAGES

French: native speaker

English
C1

Spanish
B1

Russian
A1