



Pierre ROBINEAU

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🌐 <https://www.systemfactory.fr/> www.tvt.fr

Sex Male | Date of birth 19/06/1967 | Nationality French

POSITION

Chief Architect for System Factory (the industrial cluster within the Economic Development Agency - TVT Innovation)

WORK EXPERIENCE

September 2019 - present

Chief Architect

System Factory, TVT Innovation, Toulon (France)

- In charge of TVT's participation in Marittimo OMD project
- Contributes to H2020 projects PREVISION and MARISA
- In charge of innovation sourcing for GIMNOTE, our partnership with the French Navy and DGA Procurement Agency
- Bring my expertise to the System Factory cluster members and to the collaborative offers led by System Factory
- Led the deployment of TVT internal management tool (<https://www.youday.fr/>)

Business or sector Business Support Services

March 2019 – Aug 2019

Acting director

System Factory, TVT Innovation, Toulon (France)

During the absence of the director, ensured the continuity of the cluster's activity:

- animating the community (80-90 members)
- relationships with the ecosystem
- hiring, budget, scheduling of activities

Business or sector Business Support Services

July 2015 – Feb 2019

Combat System Engineering Manager for submarine programs

Naval Group, Ollioules (France)

Hierarchical management of a team of 50-60 engineers (mainly senior engineers):

- System engineering
- Execution of bids (50/year) for SC (from €1m to €100m)
- R&D (€2m budget/year)
- Move to CMMI level 2
- Organisation, hiring, budget, planning

Business or sector Naval industry

April 2012 – June 2015

Submarine Combat Management System Production Manager

Naval Group, Toulon (France)

Hierarchical management of a team of 80-100 engineers:

- Team organised as a software factory based on a reference architecture and the reuse of components
- Contributed to the roadmap of future developments
- R&D management
- Organisation, hiring, budget, planning

Business or sector Naval Industry

May 2008 – March 2012

Architecture and Framework Team Manager

DCNS, Toulon (France)

Hierarchical management of a team of 30-40 engineers:

- in charge of defining the architecture of DCNS CMS product and of programs using this product
- in charge of implementing and maintaining the CMS product framework (300 users throughout France)
- Organisation, hiring, budget, planning

Business or sector Naval Industry

July 2003 – April 2008

Chief Architect

DCNS, Toulon (France)

Chief architect of DCNS CMS product and of programs based on this product

- Team leaders of 10 software architects
- In charge of defining software architecture from scratch
- In charge of the core architecture choices for the product
- defined for teams of 400 developers in total

Business or sector Naval Industry

July 1999 – June 2003

Software Architect

Gemplus, La Ciotat (France)

- Chairman of the working group in charge of defining the new Gemplus Telecom product
- In charge of identifying and defining reusable components for all software teams (250 engineers)
- Estimating and monitoring the ROI of components

Business or sector Telecoms

Aug 1996 – June 1999

Object-Oriented Technology Expert

Sema Group, La Valette (France)

- Acting as an expert on projects
- Participation in bids
- Technology watch
- Contribution to the architecture of complex software systems (up to 1 million lines of code)

Business or sector Software industry

EDUCATION AND TRAINING

1995 **PhD in computer science**
Université d'Avignon (France)

- Proposes a new approach and original algorithms in the field of machine learning
- 5 publications in national and international conferences
- University teacher (master's degree)

PERSONAL SKILLS

Mother tongue(s) French

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	B2

Communication skills

- Good communication skills
- Teamwork

Organisational / managerial skills

Hierarchical Management, Project Management, Innovation management, Change management, CMMI

Computer skills

Software architecture (real time systems, cybersecurity, UML, Design and architectural patterns, NAF)
JAVA, ADA, C++, Prolog, LISP, C, Javascript, HTML, Pascal, Modula, PYTHON, PHP, CSS
Artificial Intelligence, Relational Databases, Linux, JEE, CORBA
Open Office, Microsoft Office