Vincent Tellier

Date of birth: 20.01.1988
French nationality

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Senior Software Architect
C++ & Backend Systems

Key qualifications

- **Software Architecture** - Designing scalable, robust systems from sensors to cloud infrastructure
- **C++ & Systems Development** - Performance-critical code, APIs, hardware integration
- **Autonomy & Delivery** - Self-directed, immediately productive, 15 years of experience

Education

2009-2012	**Master's degree** in Computer science and communication networks	www.cpe.fr

Specialization: embedded systems software
3 year work-study program at *Chemistry Physics Electronics Lyon* school

2007-2009	**Technology degree** in Computer science	www.iut2.upmf-grenoble.fr

Specialization: n-tiers architecture and concurrent programming
2 years degree at *Université Pierre Mendès France*

Feb-June 2019	**Sailing instructor graduation**	www.glenans.asso.fr

Become sailing instructor, practice as a volunteer, just for fun.
4 months course at *Les Glénans sailing school*

Freelancing and entrepreneurship

Dec 2025 - Present
Co-founder

Co-founder, sailing mobile application - SeaHike   seahike.app

Innovative mobile application for the sailing and boating sector. Building from scratch, from market study and MVP development to app store delivery.

Flutter ; Node.js ; GitHub

Apr 2025 - Oct 2025
6 months exp

Qt6 desktop application for X-Ray detectors - Detection www.deetee.com
Technology

Calibration and demonstration application for X-ray detectors. Aging application refactored with Qt6 and thorough UX study.

C++ ; Qt6 ; CMake

Mar 2025 - Apr 2025
1 month exp

React Native mobile application - TRACTR   www.tractr.net

Updated existing mobile application, implemented missing features. Front-end work in React Native with Expo.

React Native ; Expo ; TypeScript

Feb 2022 - Present
Co-founder

Creation of a mobile application, CRUZMI - Cruzmi   www.cruzmi.com

Member of the board, the project is the creation from scratch of a company offering a holidays organization mobile application. After a successful prototype, the public version is under active development. In charge of the infrastructure as well as developer.

GitHub ; React ; Expo ; TypeScript ; Flutter ; Node.js

Nov 2022 - Dec 2024
2 years exp

Unreal Engine 5 development for MENYR - Nog   www.nogstudio.com
Studio

For the creation of MENYR, a role playing game platform based on Unreal Engine, this mission consisted in developing C++ plugins for the artist and scripter teams. Improvement of UE's vanilla replication system to increase performance, robustness and a simpler Blueprint API. Organization of team workshops and processes for consistent communication across developers.

GitHub ; C++17 ; Unreal Engine 5

Jan 2022 - Oct 2022
9 months exp

Brand new API for X-Ray detectors - Detection Technology www.deetee.com

Detection Technology provides the world with X-ray detectors.
This mission consisted in implementing the driver & API for the next generation of one of their detectors. The new API supports high rate real-time image transfers using Gigabit Ethernet protocol.

GitLab ; C++14 ; Gigabit Ethernet

Oct 2021 - Dec 2021
2 months exp

DevOps improvement and Ruby backend development - www.elevo.fr
Elevo

Elevo provides a management application for modern companies.
The aim of the mission was to improve the DevOps routines of the development team as well as adding some features in the backend.

GitLab ; Ruby-On-Rails ; Heroku ; Digital Ocean ; ReactJs

Jan 2021 - June 2021
4 months exp

AI improvement for a bus simulator - Sym2B   www.sym2b.fr

This company is developing bus simulators for several cities in France and Canada. The mission was to improve the behaviour of vehicles in ambient traffic. Implemented in C++14, this component gives a natural behavior to the simulated vehicles around the trainee so they respect the rules of physics, conduct and common sense.

C++14 ; Visual Studio ; GitLab ; DevOps

Professional experience

Feb 2016 - Feb 2019
3 years exp

Software architect - Stingray Marine Solutions   www.stingray.no

Located in Oslo in Norway, Stingray develops a revolutionary fleet of underwater drones for the fish farmer. From the small sensor to the cloud infrastructure and machine vision, Stingray's technology covers the whole stack.

C++ ; NodeJs ; C# ; Arduino ; AWS ; Kubernetes ; VmWare ; Windows ; Ubuntu ; Embedded software development ; Private cloud designing ; Tech lead ; Outsourcing ; Micro-services

Sep 2012 - Feb 2016	**Developer & technical responsible -** Capgemini	www.capgemini.com
3 years exp	IT Services & Software Engineering ; Mission reporting ; Negotiation ; Quality	

Nov 2014 - Feb 2016	**> Eurotunnel**	www.eurotunnelfreight.com
	Rail industry ; Terminal 2015 project ; Drivers computation ; Software architecture ; Microsoft ; TFS ; C# ; Information system ; Conception for 2020 horizon	

Nov 2012 - Nov 2014	**> Airbus Helicopters**	www.airbushelicopters.com
	H160 helicopter Aircraft validation rig ; Equipment simulation ; Specification ; Testing ; Continuous improvement ; SVN Subversion ; Linux Debian ; C++ ; Lua	

Work experience as a trainee

April 2009 - Sep 2012	**Junior software engineer -** Logimine & CEA	www.logimine.com - www.cea.fr
3 years exp	Mines / Oil & Gas ; Embedded systems computing ; Radio network ; C/C++ ; J2EE ; Missions at Areva (Niger), Imerys (France), Lafarge (Canada) Nuclear analysis laboratory ; Architecture conception ; .Net	

Oct 2009 - Dec 2012	**Web development -** Tellier SI	
3 years exp	Freelancer ; Web development ; CMS ; E-commerce integrations ; Cloud computing (AWS EC2)	

Technical skills

Coding	C / C++ Qt / QML CMake TypeScript / Node.js / React React Native / Flutter C# / .NET Docker / Kubernetes Networking / HTTPS / TCP Linux
Industrial systems	Arduino Command control Arinc 429 CAN Modbus TDMA Test rigs RS232 I2C
Project lifecycle	Technical project lead DevOps Team spirit Scrum Altruism Communication Recruitment Outsourcing

Other skills

Languages

English Fluent
Norwegian Fluent
Spanish Conversational
French Mother tongue

Personal skills

- Curious, taste for creativity
- Always keen to self-improvement
- Seeking new horizons

Interests

- Sailing & flying
- Mechanics
- Travel
- Learning new things