

## Jean-Nicolas ARTAUD

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10 octobre 1987

## Engineer in C++/Qt development

### > Objectives

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- Work in a *dynamic environment* and *collaborate* with communities
- Undertake *challenging problems* & take part in *innovations*
- Ensure *customer satisfaction* via *user-centered* approaches

### > Open Source Contributions

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<b>2010 – present</b>	<b>Calligra</b> ( <i>The KDE generation C++/Qt integrated and free software office suite</i> ) C++/Qt development, Stage UI design. Community and meeting management.
<b>2008 – 2010</b>	<b>KOffice</b> ( <i>The C++/Qt integrated and free software office suite</i> ) KOffice development, bug fixing.
<b>2009 – 2010</b>	<b>KOffice &amp; KDE's git Migration</b> Migration plan and script development.

### > Professional Experience

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<b>From April 2013 – Present</b>	<b>Telespazio</b> – <i>One of the world's leading players in satellite services</i> Engineer in software development. C++/Qt development Development of a broadcast satellite system <ul style="list-style-type: none"><li>◦ migrate software to new technologies C/C++, Qt5</li><li>◦ UDP Network managements with the Qt Network framework</li><li>◦ migration of the database to PostgreSQL 9, SQL, trigger</li><li>◦ help in bug fixing on the web GUI in php5, JQuery, Bootstrap,</li></ul> Project continuous integration responsible, installation of jenkins, j management on several OS ( <i>Windows Server, RedHat, Debian</i> ), linux packaging ( <i>RPM, DEB</i> )
<b>From Sept 2010 to March 2013</b>	<b>Otonomy-aviation</b> – <i>Leading actor of High Definition entertainment camera and embedded aircraft security systems</i> Engineer in embedded software development. C, postgresql and perl development on CPU to manage the whole system : <ul style="list-style-type: none"><li>◦ features add, code refactoring, database management,</li><li>◦ rs232 and rs485 manipulation to make interact several devices,</li><li>◦ stand alone mode using perl scripts .</li></ul> PIC24f development ( <i>low power mode, sensors management, devices communication</i> ).
<b>From Novembre 2009 to June 2010</b>	<b>KO GmbH</b> – <i>The Open Document Company</i> Software Engineer ( <i>internship</i> ) KOffice C++/Qt development, KOffice & KDE 's git migration

**From April 1st to August 31st 2009** **Otonomy Aviation** – *Monitoring of ground planes*  
Quality & Test Engineer (*internship*)  
Quality & Integration assurance, Maintainability, Product testing and validation

**From April 1st to July 31st 2008** **Institut de Recherche en Informatique de Toulouse**  
(*IRIT*)  
Software Engineer (internship)  
Metamodeling in an avionic context

### > Technical Expertise

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<b>Main skill</b>	C/C++, Qt/KDE,
<b>Processes</b>	Scrum, eXtreme Programming,
<b>ObjectOriented Design</b>	UML 2.0, OCL,
<b>Programming Languages</b>	Java, C/C++, HTML, CSS, PHP, SQL,
<b>IDEs &amp; Tools</b>	Eclipse, Kdevelop, Subversion, Git, Bugzilla
<b>Technologies</b>	Knowledge of J2EE, .Net, Oracle server,
<b>Operating System Knowledge</b>	Embedded debian 2.6.32, Open SuSE, (K)Ubuntu.

### > Education

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<b>2008/2010</b>	<b>Master Degree in Software Engineering</b> Paul Sabatier University, Toulouse, France.
<b>2007/2008</b>	<b>Bachelor's Degree in Software Engineering</b> Paul Sabatier University, Toulouse, France.
<b>2005/2007</b>	<b>Preparatory classes:</b> <i>two years undergraduate intensive course in mathematics and physics</i> Lycée Bellevue, Toulouse, France.

### > Additional Information

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#### Langages:

- **French:** Mother tongue.
- **English:** Conversational.
- **Spanish:** Notions.

#### Hobbies:

- **GeoCaching:** Looking for treasures all over the world, with a GPS.
- **Carom billiards:** In a club, but not in competitions.
- **Music:** Study of the flute for 7 years, MAO (Techno composition).