



Ludwig BUCHET

SOFTWARE DEVELOPMENT AND DESIGN ENGINEER

Technical skills

Java Developpement

Java 8 & JavaFX
RxJava, Jetty, Guice
Protobuf, JSON
JDBC, PostgreSQL
Client/server architecture,
WebSocket, REST Services
Functional and reactive
programming
Eclipse, IntelliJ

Continuous delivery

Git, Maven, Jenkins, JIRA
Agile/SCRUM, Wiki

Training

Fortran, Ada, Kotlin, Python
Spring Boot, Angular
Linux
A/B Testing

Simulation/Masurement

MATLAB/Simulink, LabView

CAD-CAM

CATIA, SolidWorks

Job-related skills

Network & Radiocommunications

Radiocommunications listening
& direction finding
SDR & Raspberry Pi
SATCOM
Wireless links (2.4 & 5GHz)

Aeronautical

Mechanics
Thermodynamics
Aerodynamics
Embedded Systems
Automation
Signal Processing

Timeline

Since July 2018

Software engineer

SII for Thales Alenia Space
Toulouse, France

Development of a
Java/AngularJS
application for satellite
communications
planning.
Complex system of
bandwidth allocation for
civil satellite
communications.
Three-tier architecture.

From Dec. 2015
to July 2018

Software Engineer

SII for Thales
Communications & Security
Nantes, France

Development of a Java
application for
interception, listening and
direction finding of
radiocommunications in
an Electronic Warfare
context.
Micro-services for
production, transfer and
exploitation of job data.
Reactive architecture
(data streams,
WebSockets...)

From Jan. 2015 to
Jun. 2015

Erasmus

Linköping's Univarsity
Linköping, Sweden

Networks and embedded
systems

From Oct. 2012 to
Dec. 2015

Engineering Degree

ISAE ENSMA Poitiers, France

Engineering Degree in
Aerotechnics with a
specialisation in
Computer Engineering
and Embedded Systems

About

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FRANCE
📅 26 years old
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Assets

Versatile

Autonomous

Creative

Languages

French

English

› TOEIC : 935/990

Swedish

German

Interests

Music Music lover and player
(drums, piano, guitar, DAW...)

Handball 20 years of practice

Hamradio F4EKH

Trips

Sweden, Germany, England
Language stays

Ireland, Finnish Lapland, Spain