

CORVOYSIER DAVID

SENIOR SOFTWARE ENGINEER

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Skills

Software Development

Highly versatile coding skills, from high level languages to low-level system programming.

Software Architecture

Hands-on experience of end-to-end architecture design, from the platform to the device.

Project Direction

Proven ability to lead and manage a wide variety of complex development projects.

Technical

C/C++

GNU Make

buildroot

CSS3

GStreamer

Javascript

git

Yocto

nodejs

WebKit/Blink

Python

Cross-compilation

HTML5

MPEG-DASH

Qt

Experience

2017- now: Renault - *Senior Software Engineer*

Software platform for Autonomous and Electric Vehicles.

2015-2017: Intel - *Senior Embedded Software Engineer - Intel SDK for Wearables*

Although involved in almost every aspect of the platform, I was more specifically in charge of the build system and the applicative layer of the SDK.

2014-2015: Orange - *Senior Software Engineer - TV products*

Technical lead for the new Orange TV middleware, allowing the seamless integration of native and web applications around a communication bus using Dbus and WebSockets and a Wayland/Open GL ES compositing engine. Also in charge of build-system and continuous integration.

In this position, I was awarded the internal recognition title of Orange Software Expert.

2007-2013: Orange - *Senior Software Architect - TV & STB browsers*

Write Orange TV browser specifications and provide support to application developers. Participate in Web & TV standardization (W3C, Open IPTV Forum, DLNA).

Provide reference native Web & TV clients based on Open Source components (WebKit, GStreamer). In this position, I was awarded the internal recognition title of Orange TV Expert.

2001-2007: Orange - *Senior Software Architect - Instant Messaging*

Write FT/Orange Presence Server specifications.

Participate in Instant Messaging standardization (IETF JSF).

Technical Project Manager on FT/Orange "Le Messenger" Instant Messaging Server project.

In this position, I was awarded the internal recognition title of Orange Instant Messaging and Presence Expert.

1999-2001: Sema Group Telecom - *Project Manager*

Head of a development team of 10-15 people.

1996-1999: AQL - *Software Engineer*

Developer and Project Manager (1-5 people)

Portfolio

Curie BSP

Intel Curie SDK for wearables

orangemark

Orange Browser Graphics Benchmark

wamp.rt

nodejs WAMP V2 Router

dashdemux

GStreamer MPEG DASH plugin

Education

Ecole des Mines de Paris: **1993-1995**

Engineer's degree (Master's Degree) - Project Management & Product Design

Ecole Polytechnique: **1990-1993**
Engineer's degree (Master's Degree) - Applied Mathematics and Mechanics

Languages English: Fluent German: Moderate Japanese: Basic