

MICHEL (WOLF.LU)

automotive embedded software developer

CONTACT

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LANGUAGES

French ●●●●●●
English ●●●●●●
German ●●●●●●

SKILLS

System : Arduino, Raspberry Pi, Windows XP/7/10, Unix (Shell programmation)

Language : .Net, Apache Velocity, C, C#, C++, Java SE, PHP, Perl, Python, Qt, UML, Visual Basic

Web : Ajax, CSS3, Bootstrap 3, HTML5, Ionic, Javascript, jQuery

Database : MSSQL, MySQL

Software : ClearQuest, Eclipse, Enterprise Architect, Git, Qt Creator, Telelogic Synergy, WinCVS, Tortoise SVN, WAMP, PlasticSCM, Trace32, Etas Inca

Quality : Object Oriented Software, V-Cycle Project Development, Requirements Analysis, Writing Software Requirements Specifications, Software Testing

REFERENCES

BARTOLOMUCCI Marc, Delphi Automotive
Software Technical Leader
email : Marc.Bartolomucci@delphi.com

MANDOUX Felix, Delphi Automotive
Electronic System Engineer
email : Felix.Mandoux@delphi.com

SONNTAG Achim, Delphi Automotive
Senior System Engineer
email : Achim.Sonntag@delphi.com



PROFILE

I am a Software Developer with over 7 years of professional experience in position with top notch automotive organizations, mentored software developer, brilliant and innovative thinking ability, professional and simplified approach in organization.

I also have several web experiences in freelance or as part of a self-built website.

PROFESSIONAL EXPERIENCES

DELPHI TECHNOLOGIES

August 2017-Present

Software Developer

- Responsible for analysis of requirements, design and coding of product software for engine control modules.
- Generates software code for real-time embedded systems.

FREELANCE

June 2016-July 2017

Front End Web Developer

- Development of responsive websites using HTML5, CSS3 and JavaScript.
- Search Engine Optimization to increase business online conversion rate.

BRACE AUTOMOTIVE

October 2013-May 2016

Software Architect

- Development on Polarion software to ensure the completeness of the information about every step of development process. Introduction to Application Lifecycle Management.
- Development of a cross-company solution (AE-ISSUE) to ease the exchange of work requests, to ensure consistencies and to improve the tracking of customer requirements implementation. Customer technical interface with Volkswagen.
- Development of vehicle communication and diagnostics tools (UDX, ODX) in conformance with the international industry standard ISO 22901-1.

DELPHI AUTOMOTIVE

February 2011-April 2013

Software Developer

- Responsible of the maintenance and the improvement of the Perl toolchain used to build C software running on engine control unit (ECU).
- Development and maintenance of tools used to support the build process (end of line industrialization checksum validation, automatic GUI interface for script code, ...).

- Development of a Perl script using Enterprise Architect's API in order to automatically generate, from a XML interface file, a human-readable diagram showing the I/O relationships in a multi-module automotive software.

MARVEL-WORLD.COM

January 2005

Owner / Full Stack Web Developer / Community Manager

- Owner and developer of a platform specialized in the web-promotion of movies based on Marvel comics. Team lead of 30+ regular people to maintain the site up-to-date.
- Assimilated to journalists, we are attending press movie projections, movies press conferences with actors/crew and red carpet during premieres of movies.
- Main studios we are working with are : Marvel Studios, Paramount, Sony Pictures, Fox.
- Work with third-party companies over their specifics merchandising campaigns : Zalando, FreeGun, Popito, SeriesStore, CosplaySky, DerivStore, KidAvenue, LaBoutiqueDuBoxer, 1001Loot, Serishirts.

 EDUCATION

Institut Universitaire de Technologie Charlemagne - Nancy, France

Associate's degree in Computer Engineering

2009-2011

- Algorithmic, Programming and programming languages (Java, C, PHP)
- Analysis, Design and Application Development
- Networks, Systems and Hardware Architecture
- Design and implementation of databases
- Web programming and mobile

 CERTIFICATES

Autosar Training

Vector Informatik

August 2017

- General view of AUTOSAR Classic
- Handling of the Vector AUTOSAR solution (DaVinci Configuration Pro, DaVinci Developer)



Become a User Experience Designer

Lynda.com

September 2016

- Prototyping
- Multidevice Design
- UX Design Techniques



Become a Front-End Web Developer

Lynda.com

August 2016

- User Experience Fundamentals for Web Design
- Responsive Design Fundamentals
- Languages : CSS, HTML, Javascript, Bootstrap 3, Sass

