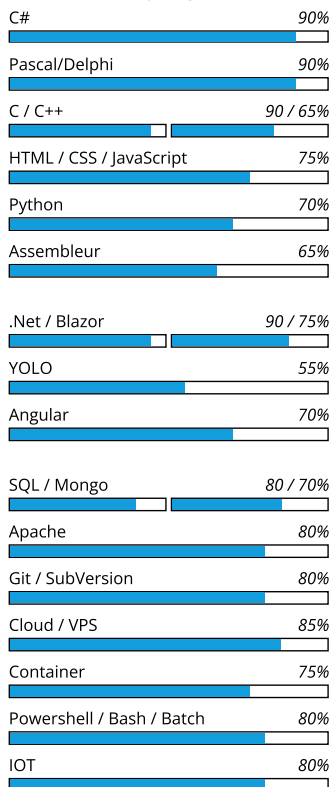




Frédéric DERYNTY

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Skills



Education

BTS Informatique Industrielle
BTS Mécanique et Automatismes Industriels

Hobbies

📷 Photography
🏎️ Karting
🎵 Music
🏃 Running
🥾 Hiking



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Professional Experience

Groupe Lacour - Saint-Doulchard, Cher (18), FRANCE

Specialist in digital solutions for automotive aftermarket professionals

September 2022 - Present

Invoicing DMS for body shops and repairers — Delphi

- Refactoring
- Implementation of the NF203/525 standard
- New features
- INOCERT audits

Invoicing DMS — Web (C# / Angular)

- Refactoring
- Implementation of the NF203/525 standard
- New features
- INOCERT audits

Vehicle appraisal — Delphi

- Refactoring
- Implementation of the RFE
- New features

AI-assisted

Vehicle appraisal — Web (C# / Angular), rebuild in progress

AI-assisted

- Analysis and groundwork for the migration to a web version
- Design of the new version as a microservices architecture

NeuralCam - Mazières-de-Touraine, Indre-et-Loire (37), FRANCE

Custom electronics

April - August 2022

Embedded development

- Firmware in C on STM32 microcontrollers (LoRa, NFC, accelerometer)
- Touchscreen GUI in C++ / Qt on embedded Linux
- Android app for board configuration over Bluetooth
- Electronic board troubleshooting

ISOSIGN - Saint Eusèbe, Saône-et-Loire (71), FRANCE

Integrator of road safety, signage and urban solutions

2017 - 2021

Quality

- Establishment of a quality system (WEB) for the ISODIGIT department

Development for ISODIGIT department

- Web app to manage VMS
- Gateways for parking lot managers' protocols and road protocols
- Object detection and tracking algorithms: free parking spaces, vehicle counting
- Web API for business partners (JSON)
- IOT: embedded apps and firmware in variable message signs

Development for COROS Consultant — road engineering consultancy

Development of an application to calculate visibility distances on roads

- Video capture (USB and standalone cameras) synchronised with GNSS data
- Visibility computation and data export (GPX, SVG, CSV)
- Android app for time-synchronising images

OPTIFIB - SIGNATURE/EUROVIA group - Monts, Indre-et-Loire (37), FRANCE

Manufacturing and marketing of dynamic traffic signs

2011 - 2017

Quality manager

- Monitoring of measurement equipment checks
- Annual audit by ASCQUER
- Running the quality system: indicators, improvement and non-quality forms

Development

- Client/server supervision system for dynamic parking guidance
- Full-Web system for short-term parking spots and backend apps on embedded IOT
- Overhaul of a variable message sign application, partner Web API (SOAP/JSON)
- Android app for driving road safety equipment
- Setting up and administering web servers (dedicated and VPS)

ASG - Sophia Antipolis, Alpes-Maritimes (06), FRANCE

Inventory tools for heterogeneous IT system infrastructure

1999 - 2010

Development

- Inventory, monitoring, software-distribution and app-blocking agents, with admin console
- Multithreaded cross-platform engine, Delphi components and automated build pipeline