



Arnaud Dupont

Junior Software Engineer

🌐 arnaud.engineer

🌐 /arnaud-engineer

✉ contact@arnaud.engineer

Portfolio of technical competences

Introduction

Junior software engineer, used to be the « **Swiss-army knife** » **engineer** of the team. I am currently **looking for a new project management position**.

I have performed **multiple roles** (full stack developer, validation-support engineer...), for **structures of any size** (from start-up to large corporations), for **internal and external customers**, in **France and abroad**...

Skills



Project management



Meeting conduct



Documentation



Excel / VBA



Users training



Software Design



Full Stack Dev



Validation



Support



Afterwork planning

Project management



SCRUM



CMMI

SCRUM and CMMI theoretical lessons at engineering school. ITIL notions.

In practice :

- SCRUM master for a HR app update
- Validation and Regular Verification in Service
- Progress monitoring

Validation / Support



Jira / Confluence



SalesForce



TestLink



Cucumber Studio

- Test plan design (unit, integration and regression tests)
- Administrators assistance and incident management
- Technical / user documentation, knowledge base management

Full Stack Development



Vanilla JavaScript



HTML5 / CSS3



Vue.js



Node.js



SharePoint



ASP.NET

- And also : UML, Git/SVN, SQL (Oracle), jQuery, C#, Python, PowerShell, Shell, IOS (Cisco), Photoshop/Illustrator ...
- If required, I am able to self-train quickly to new tools

Previous positions



Validation-Support engineer (ticketing)
2019-2020 - 1 year - Besançon - External



Full Stack SharePoint developer
2015-2018 - 2 internships + freelance
Gif-sur-Yvette - Sofia (Bulgaria)



Java developer (internship)
2014 - 3 months - Sochaux



VBA developer (interim)
2013 - 1 month - Belfort

Cursus



UTBM
Software / Networks engineer

- Two-track :
 - Software (ILC)
 - Telecom and Networks (R&T)
- Cisco Academy Training : CCNA 1-4



IUT de Belfort-Montbéliard
Computer science degree

- English : TOEIC → 820





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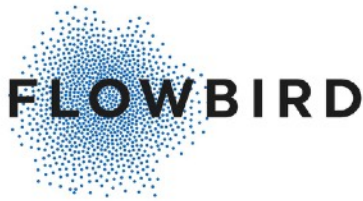
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Portfolio of technical competences



Validation-Support engineer (ticketing)

2019-2020 - 1 year - Besançon - via Cap Gemini Engineering (formerly Altran)

Skills



Validation



Support



Project management



Meeting conduct



Documentation



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Stack



SCRUM



Jira /
Confluence



SalesForce



TestLink



Cucumber
Studio



Oracle



Calypso
standard



Visa



Mastercard



CB

Context

Flowbird (formerly Parkeon) is a ticketing company. It offers (among other services) a set of public-transport solutions including :

- TVM (Ticket Vending Machines) : fleet creation and update
- Open-payment (= using a credit card as a transport ticket)

Goals

IDELIS Validation-Support on TVMs for city of Pau (80 %)

- Validation of the last software deliveries of a new TVMs fleet
- RSV (Regular Verification in Service) and interventions when needed



EURO INFORMATION Validation-Support on Open-payment (20 %)

- Open payment interfacing with a new acquiring bank (Visa/Mastercard/CB)

Realizations

- RSV (Regular Verification in Service), analysis and remote incident management with field technicians, developers and the customer
- Validation meetings conduct with assistants to the contracting authority, customers, project managers/directors and business analysts
- SCRUM sprints planning and incident management meetings conduct
- Design, writing and execution of test plans (unit, integration and regression tests) for TVMs and concentrating server updates
- Redaction of customer documentation (delivery certificates, acceptance test plans and specifications update) and technical notices (procedures)

Results

- TVMs : Customer and assistants to the contracting authority approval (RSV and final software delivery)
- Open-payment : test plan design and first acceptance tests (nominal cases)





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Portfolio of technical competences



Full Stack Sharepoint Project Developer

2015-2017 - internship (6 mo.) + freelance (3 mo.) - Gif-sur-Yvette (Paris area)

Skills



Software design



Full Stack Dev



Validation



Support



Meeting conduct



Users training

Stack



SharePoint 2010 / 2013 / Online



ASP.NET



Visual Studio



PowerShell



JavaScript



jQuery



HTML5 / CSS3

Context

Ekilog is a SharePoint based business software editor targeting SMEs (HR tools, CRM and intranet sites). It also offers customisation and additional developments on its products.

Goals

- SharePoint sites and additional features development for the Ekilog products. Referent and guarantor of whole projects roles (main customers interlocutor)
- Tickets solving for maintenance agreement

Realizations

- Autonomous project meeting conduct with customers : collection of needs, specifications approval and delivery validation
- Conception, development and test of C#/designer workflows, webparts, themes, PowerShell scripts and JavaScript features
- Webdesign and Photoshop mock-up integration
- Conduct of tens users training sessions (administrators and end-users)



HARLEQUIN



COMGEST



IMA



eserf



EP SM
arthe

Results

- Projects validation (acceptance form signature), satisfied customers
- Highly productive internship for Ekilog → €23,000 profits (commercial prospection costs and remuneration deducted)
- Extension with remote freelance work while studying at engineering school and another internship in Bulgaria





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Full Stack Sharepoint Product Developer

2017-2018 - Internship (6 months) - Sofia (Bulgaria)

Skills



Software design



Full Stack Dev



Project management



Documentation

Stack



SCRUM



SharePoint 2010 / 2013 / Online



C#



ASP.NET



Visual Studio



PowerShell



JavaScript



jQuery



HTML5 / CSS3



SVN

Context

iShare HR is a HR software for SMEs needing a simple, complete and customizable tool (configuration and additional developments).

It offers applications processing, employees and exits management, deadlines reminders (probationary period, meetings, ...), leaves / training validations and documents storage.

Based on SharePoint 2007, it already had been upgraded for Sharepoint 2010.

Goals

- iShare HR upgrade from SharePoint 2010 to 2013 and Online (2016)
- Entire documentation review : knowledge losses due to lacks in the documentation and employees departures
- Making the code, specifications and stakes of the product and the French market understandable for foreign / Bulgarian developers

Realizations

- SCRUM master for the iShare HR software, in cooperation with the product owner (the CTO).
- Revision of every C# features/jobs/workflows, ASP.NET forms, webparts and the front-end codebase (jQuery)
- Update of the existing technical documentation and creation of missing elements (UML diagrams, ER models, specifications and notices)
- English translation of the documentation and code for foreign developers without knowledge of the French market HR needs (RTT, CPF, ...)
- Complete user documentation : instruction manual, training Powerpoint, video tutorial (editing with Adobe Premiere)
- Local opportunities study (office in the French chamber of commerce)

Results

- iShare HR 2013 / Online ready for launch (high commercial goals : from less than 5 % to 25 % share of the company revenues at the end of the year)
- Complete documentation : specifications, software design documentation and technical manuals in English, user instruction manual, training Powerpoint and video tutorials in French





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Portfolio of technical competences



Java Developer Intern

2014 - Internship (3 months) - Sochaux (Franche-Comté)

Skills



Software Design



Java Dev



Documentation

Stack



Java



API REST



SVN

Context and goals

PSA (now Stellantis) is a French car manufacturer. It owns world famous brands such as Peugeot, Citroën and DS.

By law, it has to keep numerous documents, depending on national and international market requirements. To reduce the costs, the group developed DocInfo, to archive only the bare minimum, thanks to expiration rules.

At my arrival, the transition was still ongoing.

Realizations

- UML design of a file migration utility upgrade (NetApp servers to document repositories) : addition of a new unsupported referential
- Development of its features in Java



VBA Developer (interim)

2013 - Interim (1 month) - Belfort (Franche-Comté) - via ManPower

Stack



Excel



VBA

Realizations

- Various Excel developments in VBA
- Creation of a file model facilitating the capture of parts by engineers dedicated to solving problems on gas turbines



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Side Projects and Hobbies

arnaud.engineer - arnaud.cool



My personal projects hub, including :

- JoliTube : my video curation, organised as a cable TV provider thematic channel list (from mainstream to more exotic playlists)
- truesizes.es : an experimental webapp that displays actual object dimensions by screen detection (or calibration). Nice to have when you don't have an integrated ruler in your brain and Amazon indicate 17 x 8 cm.



Main repository for my public source codes, you may consult :

- arnaud.cool, projects sources
- some works I did for friends
- a few student projects and other old stuff

Afterwork planning !

- I am an active member of all my communities. I am always in for coming events and ready to organise a few more when there are not enough ! In short, count on me for afterwork parties, team-building, dinners...
- I also bring stuff to eat at the work place (homemade cakes and cookies)

Hobbies

- **Cooking** : I often experiment new dishes, variations and technics to improve my knowledge and skills. For instance, I stayed in north Italy for 6 months to eat and shamefully steal recipes everywhere. I also love to serve my greatest hits to other people.
- **Travels** : Australia, Hong-Kong, Bulgaria, north of Italy ... I never complain when a business trip is required (rather the opposite).
- **Boring independant movies** : If you need an improvised masterclass on Eisenstein's video editing process, I may help you ... Don't worry, I also watch mainstream movies and shows !