Julien MERLE
Senior developer

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ℹ Information

Birthdate 12/26/89 (35 y.o.)

Driving license : AT/MT cars

📑 Diplomas

2013 **Master** Computer Science
📍University of Burgundy

2011 **Bachelor** Computer Science
📍University of Burgundy

2010 **Diploma of Higher Education**
Software engineering
📍IUT of Dijon

2008 **Advanced Level** Science
📍European secondary school in Dijon

🌎 Languages

French – Native language

English – Advanced C1

💻 Multimedia

OS : **Linux**, Android, Windows
2D : Photoshop, Illustrator, Gimp
3D : Blender, Fusion 360
Game engine : Unity, Godot

⚒ Interests

Motorcycle, Cycling, Drawing,
Computer design, DIY, **3D printing**,
Mechanic, Retro-gaming

Expertise

2023 - 2024 *(1 year)* : Software developer – *Freelance*
Analysis, support and development of solutions for clients
- ✓ Audit and maintenance of native Android applications in **Kotlin**
- ✓ Development of cross-platform applications (mobile, web and desktop) using **Flutter**
- ✓ Implementation of a **MySQL** database and development of **CRUD** for mobile applications

2017 - 2023 *(6 years)* : Lead developer – *Full time job*
NOMEO Apps Panel 📍Lyon

Production of Android applications from conception to development as a mobile expert.
- ✓ Mobile applications development on **MVP** and **MVVM** architecture under **Java**, **Kotlin** and **Flutter** languages
- ✓ Development of **AAR** Android library and Flutter **bridge**
- ✓ Implementation of **REST API**, **WebSocket** and **Bluetooth** communication
- ✓ Local data saved with **SQLite, Room, Couchbase**
- ✓ Versioning (**GitFlow**) of GitLab/GitHub sources with code review (**Pull requests**)
- ✓ Bugs investigation and fixes (**JIRA, ClickUp**)
- ✓ Applications design (**wireframes**, consultant UI/UX material design)
- ✓ Estimation (charges, risks, plannings, **Gantt** chart)
- ✓ Technical manager (**R&D**, technical solution finder, prototyping)
- ✓ Technical docs and specs writing (**JavaDoc, KDoc**, ReadMe.com)
- ✓ App management and monitoring with **Firebase** (push, analytics, crashlytics, distribution)
- ✓ Authentication code implementation : **JWT, OAuth 2.0, Google Sign-In, Facebook Login**
- ✓ Maps integration (location, markers, itinerary, tiles) with **Google map, OSM, MapBox**
- ✓ Setting up in-app purchases with **Google** and **Stripe**
- ✓ App stores publication on **Google Play**, **Huawei AppGallery** and **Amazon Appstore**
- ✓ Hiring process (interview, technical tests, supervision)
- ✓ Application of **Agile** (**Scrum, Kanban, XP**) methodologies
- ✓ Setting up unit tests (**Kotest**)

2013 - 2017 *(4 years)* : Software engineer – *Full time job*
ATSUKE Apocope 📍Dijon

Development of websites and mobile applications for major brands within a marketing environment.
- ✓ Android applications development on **MVP** clean architecture under **Java** language
- ✓ Web development on **MVC** clean architectures with **Zend Framework**, **Symfony**, **CodeIgniter** and **Silex**
- ✓ Development of admin **back-offices** (C.R.U.D.)
- ✓ Creation of **responsive designs** (mobile, tablet & desktop) with **PHPTAL, Sass, jQuery, Ajax**
- ✓ Development of **REST API** (JSON) and requests monitoring (Curl, Postman)
- ✓ Database management with **Oracle** and **MySQL** (PhpMyAdmin)
- ✓ Bugs investigation and fixes (**Trello, Redmine**)
- ✓ Setting up online payments with **ATOS**
- ✓ Maps integration (location, markers, measures) with **Google map**
- ✓ App store publication on **Google Play**
- ✓ Application of **Agile** (**Scrum, Kanban**) methodologies
- ✓ Supervision of web developer interns

2010 *(3 months)* : Developer – *Internship*
EADS Airbus 📍Toulouse

Development of internal projects within Airbus airplane repair service.
- ✓ Development of **VBA** forms in order to automatise administrative files generation
- ✓ Development of a web platform giving access to a large scale list of technical files
- ✓ Development of an analytic software to identify deprecated and duplicated files on a storage server