

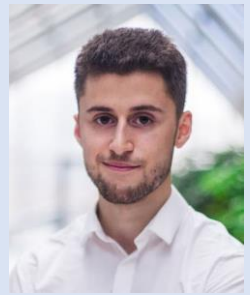
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Software engineer



PROFESSIONAL EXPERIENCES

Today
Annecy, France

Crédit Agricole Technologies et Services, Developer
Development of API solutions and microservices

- Internal recruitment by the client

2022 – 2023
Annecy, France

QIM Info, Consultant
Consultant for client Crédit Agricole Technologies et Services

- Development of new APIs used for the website, mobile application and collaborators portal of Crédit Agricole : Transfer operations retrieval, transfer amount limits consultation, fees consultation, regulatory controls
- Evolution of existing solutions (API, µS, batch) : Evolution of functional aspects, vulnerabilities correction (linked to dependencies or after penetration tests), technical aspects (Java versions migration)
- Development of unit tests and integration tests
- Working in different teams: Evolution of technical solutions of the Transfer team, in charge of the transfer microservice evolutions for the mobile application team
- Implementation of supervision and alerting for APIs using ELK (Elastic, Logstash, Kibana)
- Ci/CD environment: Previously using Jenkins and WL Release, now mainly Gitlab CI
- Code coverage for unit tests: 80% of coverage required for production deployment
- Multiple development environments : Development, Integration, UAT
- Agile environment, team of 10 people (Business Analysts, Java developers, Mainframe developers, scrum master, product owner, tech lead, support)
- Technologies used:
 - Languages : **Java 8-11-17, IBM Db2, NodeJS**
 - Frameworks: **Spring (Boot, Batch, Data), MyBatis, Junit, Reactive programming Java, Stream API**
 - Products: **Docker, Kubernetes (Argo CD), Gitlab CI, Jenkins, suite Elastic (Logstash, Elasticsearch, Kibana), Postman, Sonar, Git, Jfrog**
 - IDE: **Eclipse, IntelliJ, VS Code**

2020-2022
Luxembourg

KPMG Luxembourg, Software engineer
Development of software solutions for the Risk Management team

- Risk report generation solutions (exposition, stress tests results)
- In charge of the daily production
- Development of new software solution following the Risk team requirements
- Maintain the existing solutions in a CI/CD context with Azure DevOps
- Technologies used :
 - Languages: **Java 8, Microsoft SQL, Python**
 - Frameworks: **Spring Boot, Hibernate**
 - Products: **Git, CloverDX (ETL), Azure DevOps services**
 - IDE: **Eclipse, IntelliJ, VS Code**

2020
Vélizy, France

THALES, SIX GTS
Android and client-server modules development

- Creation of Android applications to control a vehicle roof module, for intervention services. The device contains different sensors: Cameras, emergency lights, a siren, variable message signs
- Creation of web services for realtime video flux and cartography broadcasting
- Presentation of the project POC in front of potential clients (emergency response services, police, firefighters) during a showroom
- Technologies used:
 - Languages: **Java 8, SQL (MariaDB)**
 - Frameworks: **Android**
 - IDE: **Android Studio, VS Code**

2019
Istres, France

Dassault Aviation
IoT platforms research

- Research of the most adapted IoT platform for Dassault Aviation, with the goal of centralizing data of different connected devices. These data are collected for analysis, predictive maintenance, Big Data topics (Industry 4.0)
- Creation of the specifications following the requirements and needs of the company
- Implementation of the selected platforms : comparison of functionalities, costs, adaptability, ease of use
- Development of plugins and extensions:
 - Retrieval of the connected objects data
 - Data storage
 - Creation of visualisation and alerting modules
- Technologies used:
 - Languages: **HTML, CSS, Javascript, Angular**
 - Databases: **MongoDB, Elasticsearch**
 - Protocols: **LoRa, SigFox, Bluetooth**

EDUCATION

2015-2020 **Engineer Diploma of ESILV Ecole Supérieur d'Ingénieurs Léonard de Vinci**
La Défense, France

- IT, Big Data and connected devices
- Programming (**C#, Java, Java Android, C++**)
- Web (**HTML, CSS, Javascript, NodeJS, ReactJS**)
- Databases (**MySQL, Oracle SQL, MongoDB, ElasticSearch**)
- Cybersecurity (**Data governance, cyber risks, GDPR**)
- Containerisation (**Docker**)

2017 **Budapest University of Technology and Economics, Erasmus semester**
Budapest, Hungary

- Development and network learnings
- Programming (**C++**)
- Network protocols (**Wifi, mobile networks, Bluetooth**)

LANGUAGES

French: Native

English: Advanced, TOEFL and FCE certifications

COMPETENCES

- Team work
- Adaptable
- Always open to learn new technologies and innovations
- Knowledge sharing, pair programming
- Attentive to details and work quality
- Desire to train and evolve