

# Nadjm eddine Boudjellal

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## Skills

- C# | .NET | .NET Core | PHP 8 | Golang | Python | JavaScript | TypeScript | React | ReactNative | Entity Framework | Symfony | Doctrine
- MYSQL | NoSQL | MongoDB | PostgreSQL | LDAP | SQLite | Elasticsearch | Redis | Couchbase | mariaDB | Game Development | Unity
- Azure | AWS | Cloud Computing | OpenStack | Docker | CQRS | RABBITMQ | MassTransit | Microservices | Distributed Systems | Jenkins
- Clean architecture | SOLID | ACID | DDD | TDD | OOP | SCRUM | CI/CD | Git | Unit Testing | PHPUnit | IAM | MFA | Digital signature
- Frontend | Backend | Full-Stack | English, French, Arabic – *All professional proficiency or above*

## Experience

**Software Engineer** **RCDevs Security SA** **Belval, Luxembourg** **10/2019 - Current**

- Led the development team of YumiSign, which is a SaaS signature platform that we have started from scratch.
- Worked on all the development process of YumiSign from an Idea to a Product that is being used by thousands for users.
- Designed and implemented scalable APIs and background workers for handling digital signatures.
- Designed and implemented scalable Microservices for OpenOTP that are being used by OpenOTP by hundreds of Thousands Users.
- Designed and implemented a private python library that handles all the common functionality between microservices.
- Implemented Agile methodologies within the development team, promoting collaboration and adaptability.
- Led Agile ceremonies, ensuring effective sprint planning, daily stand-ups, and continuous improvement.
- Played a pivotal role in making critical technical decisions, aligning technology choices with organizational objectives.
- Contributed to technology stack selection, architectural design, fostering scalable and maintainable solutions.
- Conducted technical interviews during the hiring process, evaluating candidates for both technical proficiency and cultural fit.
- Successfully integrated new team members, ensuring a cohesive and high-performing development team.
- Orchestrated the seamless integration of third-party tools such as Gmail, Zapier, and Microsoft products into the existing infrastructure.

**Co-founder** **Fidealo** **Metz, France** **07/2023 - Current**

- Transformed Fidealo from a concept into a dynamic platform serving a growing community of businesses and consumers.
- Spearheaded the backend development of Fidealo using C#, ensuring robust and efficient processes to support platform operations.
- Led the frontend design and deployment using React with TypeScript, enhancing user interface and experience.
- Championed the foundation and growth of Fidealo, orchestrating its rise as a premier digital loyalty SaaS platform.
- Designed an adaptable and scalable data model using NoSQL principles, and implemented it specifically with MongoDB, ensuring the platform's adaptability and efficiency in fostering customer loyalty.
- Utilized cloud platforms such as AWS and Azure for hosting services, employing CI/CD pipelines to accelerate development cycles and ensure fast, automated deployment of new features.
- Architected APIs to integrate seamlessly with third-party applications and enterprise IT infrastructure, enabling businesses to streamline customer loyalty management on Fidealo's SaaS platform.
- Employed a test-driven development (TDD) approach to backend services, reducing technical debt and ensuring long-term stability of code through comprehensive unit and functional testing.

## Education

**Master's degree** **University Claude Bernard Lyon 1** **Lyon, France** **09/2018 - 08/2019**

- Artificial Intelligence: Bio-inspired Machine learning, Data Mining, Robotics, Deep Learning, etc.

## Projects

- **KerwaDz:** A SaaS platform enabling users to rent cars from professionals or individuals anywhere they desire. **(2022)**
- **Pharmassist:** a mobile app for assisting blind and elderly with prescription drug dosage and timing, for a university challenge. **(2018)**
- **SmartAdsPanel:** an adaptive advertising display that detects age, gender, and crowd demographics to customize ads. **(2017)**
- **BusTracking:** Dual mobile apps providing real-time tracking for older buses without internet systems. **(2017)**
- **Jack the Hunter:** Developed a video game from scratch, handling 3D modeling, animation, and character behaviors. **(2016)**
- **DzBAC:** Windows phone app for students who are going to obtain a baccalaureate. **(2016)**
- **PharmaFind:** Mobile app that locates the nearest open pharmacies, addressing night shifts and holiday availability issues. **(2015)**

## Others

- **Junction Hackathon:** Won **Bloomberg's Choice** with project reflexion that aims to help big brands to establish a smart social media strategy based on Big Data. **(2016)**
- **NYUAD Hackathon:** Won **1st place** with project DAWA, aiming to solve the counterfeit drugs problem in the region using blockchain based pharmaceutical distribution. **(2018)**