

# Julien Lavocat *Self-Taught developer*

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## 📄 PROFILE

I'm a passionate software developer who likes to overcome technical challenges. I've been coding since I was 11 and I'm now eager to prove my value and talent to begin my career in software development.

## 🗣 LANGUAGES

French ● ● ● ● ● English ● ● ● ● ●  
Spanish ● ● ● ● ●

## 🧠 TECH SKILLS

TypeScript | NodeJS | NestJS | ReactJS | Unity | MongoDB | PostgreSQL | Docker | Kubernetes | Git  
GitHub | Microservices | REST | Redis | Java | C# | Go | AWS | Scaleway | Firebase | Google Cloud  
gRPC | RabbitMQ | GraphQL | WebSocket | TCP/UDP | GitLab

## 📁 PROJECTS

- Jun 2020 – present      **JDR-LF**, *Firebase and React app for pen and paper RPG sessions* [🔗](#)
- User-generated game rooms
  - Implemented a Discord-like chat system
  - Implemented a user-generated map viewer
- 2018 – 2021      **Indiebackend**, *Back-end as a service for game developers built using NestJS, Go and running on microservices in Kubernetes* [🔗](#)
- Designed the architecture with scalability in mind
  - Main functionalities: pub/sub messaging (Websockets), serverless functions, Firebase-like security rules, groups, statistics & analytics, currencies, payments (using Stripe)
- 2019 – 2020      **Swindler**, *Small-scale, piracy-themed 2D MMOG using Unity as game engine and UDP for networking supporting 500 players per servers* [🔗](#)
- Procedurally generated islands, focused around building a base and defending it against other player's raids
  - 500 concurrent players per server

## 🎓 EDUCATION AND CERTIFICATIONS

- 2020 – present      **Bachelor degree of biology**, *Bordeaux University of Sciences et Technologies*  
Bordeaux, France
- 2015 – 2018      **High School diploma, Laboratory Sciences and Technologies**, *Lycée Saint-Louis*  
Bordeaux, France      Obtained with high honours

## 🎵 INTERESTS

**Cooking** | **Travel** (France, Japan, USA, South Korea) | **Sports** (Sailing)