



Florent Clarret

Software engineer

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florent-clarret
FlorentClarret

Software engineer who has been working on backends for 6 years. Love automating tasks to make the processes faster and easier for me and my team. Always willing to learn new things, I also like to share my knowledge with others.

Languages

French
English

Experience

Since 2020 **Backend software engineer**

[Geovelo, Tours](#)

- Backend lead developer of the mobile application for cyclists Geovelo
- Solution developed in Python with the django framework relying on multiple PostgreSQL databases
- Occasionally working on the route planner in C++ when the team needs a hand
- Application deployed in production using Docker in a Kubernetes cluster, monitored with prometheus and grafana
- Continuous integration pipelines setup with Gitlab, added unit tests, automated repetitive tasks as much as possible. I also wrote a set of tools to make our development process smoother
- Production monitoring and support. Intervention in case of problem, even outside the backend perimeter

Since 2019 **Backend mentor**

[OpenClassrooms, Remote](#)

- Mentor on both java and python backend paths for the OpenClassrooms online teaching platform
- Accompany students on their journey to become software developers

2017 - 2020 **Teacher**

[Polytech Tours, Tours](#)

- Teacher at the Polytech Tours engineering school for 64h per years
- Development in java focused on optimization, benchmarking, identifying bottlenecks, best practices, debugging and improving applications

2018 - 2020 **Backend software engineer**

[Worldline, Tours](#)

- Maintained, developed and optimized a strong authentication solution backend
- Developed in Java with Spring Boot and relying on MySQL databases
- Dockerize the application for ease of testing. Set up the continuous integration pipelines with Gitlab and wrote the complete tests suite
- Production support, monitoring with splunk

2015 - 2018 **Backend software engineer**

[Worldline, Tours](#)

- Developed, optimized and deployed into production the new backend version for Worldline's payment service provider
- Backend written in Java, deployed with JBoss or Tomcat and working with Oracle and MySQL databases
- Lead on the platform migration in production and production support. Platform monitored with elasticsearch, logstash and kibana
- Maintained the first version of the backend mostly written in C, Sybase SQL stored procedures, Awk and Shell scripts
- Worked with international teams based in India and Armenia

2013 - 2015 **Teacher**

[Polytech Tours, Tours](#)

- Customized courses for the first year students focused on algorithmic, data structure and on the C language

Education

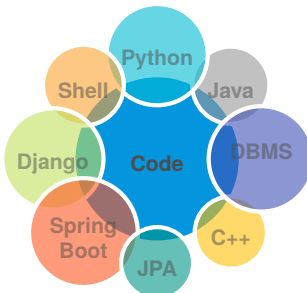
2012 - 2015 **Engineering degree in computer science**

[Polytech Tours, Tours](#)

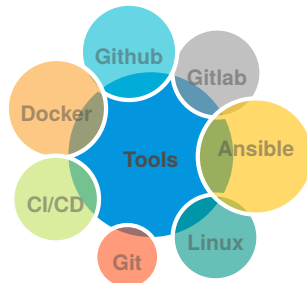
2010 - 2012 **Diplôme universitaire de technologie in computer science**

[IUT, Lens](#)

Coding skills



Tooling



Side projects

#Homelab
#DIY
#AutomateBoringStuff

Hobbies

Walking
Reading