



# NICOLAS MARSHALL

Back-end and web developer  
24, from France

✉ marshall.nicolas@gmail.com  
☎ +33 6 18 83 60 39  
📄 /n-marshall  
🌐 /n-marshall  
📌 /marshallnicolas

Silvia Cioaca  
Wakoopa, Barcelona

## SUBJECT : APPLICATION FOR A BACK-END DEVELOPER POSITION

Dear Ms. Cioaca,

I just finished my final year of computer science studies at the Ecole Centrale de Lyon, a French engineering university which is usually considered among the top five schools. I am now looking for a job in that field, starting as soon as possible.

While school brought me a fairly good understanding of software architecture and design patterns, it's mostly through my development internships that I turned it into skills.

My first one at MDP Qualité gave me a first overview of the work of a full-stack developer, and although we were using a closed source technology at the time, I would love to transpose this knowledge to use it with open web technologies. While I've since specialized in back-end development, I'm always curious about new developments on the front-end side and new Javascript frameworks.

My most recent internship, at JustWatch in Berlin, involved working with restful APIs, both using and designing them. Using them, for scraping large streaming platforms such as Netflix or Amazon, thereby learning about private API security and the HTTP protocol, and then storing processed data in both PostgreSQL as a master database, and Elastic as materialized views for real-time access. And designing them, to then serve this data to the JustWatch website and app. These six months allowed me to strengthen my Golang and back-end development skills and to take a first step in the startup world, which I absolutely loved.

While the product we developed at JustWatch included a lot of web analytics and audience targeting, through a real-time bidding back-end to serve ads on platforms like Facebook and Google on behalf of our clients, I would also love to learn how market research works with panelists, and to put my back-end developments skills to use to help you improve that solution. And since a great user experience matters a lot to me as a consumer in everyday life, it would really be an additional motivation to help companies build such experiences.

Hence I'm interested in learning more about Wakoopa and its future plans, the way you work, and my potential role, so I look forward to speaking to you personally.

Please find enclosed my resume. I hope my application will be of interest to you.

Best regards,

Nicolas Marshall