

INTERNSHIP REPORT

This report aims to describe my internship experience at Atos, an international IT services and consulting company known for its innovative solutions. My internship significantly broadened my understanding of the IT sector and allowed me to apply the knowledge and skills I gained throughout my college education in a practical environment. This report will provide an overview of Atos, including its core operations and history, followed by a detailed description of my tasks, responsibilities, and working conditions during the internship. Additionally, it will highlight how the internship not only benefited my professional growth but also enriched my understanding of industry practices. A concluding reflection will summarize my overall experience and future aspirations.

Atos is a global leader in digital transformation, founded in 1997 and headquartered in Bezons, France. The company operates with a clear mission to help clients leverage technology to improve their performance and operational efficiency. The company's strategic objectives include enhancing customer experience, driving sustainable growth, and achieving operational excellence across its services. Atos operates in the IT services and consulting sector, offering a wide range of products and services, including cloud services, cybersecurity solutions, big data and analytics, and digital workplace services. The organization also specializes in application development, infrastructure management, and consulting services to facilitate digital transformation for its clients.

During my internship at Atos, I was part of a four-member team tasked with developing a Document Management System (DMS) using Spring Boot for the backend and React for the frontend. Initially, we underwent training courses to familiarize ourselves with the necessary technologies, including Spring Security for implementing robust security features in our application. This foundational training provided a solid base for our project work. A typical working day involved collaborating with my team members to brainstorm ideas, discuss our progress, and troubleshoot challenges. I frequently sought assistance from both my peers and mentors, which fostered a collaborative environment and helped me adapt to teamwork dynamics effectively. On one occasion our day included a special session where an expert came to teach us about Agile methodologies, which greatly enhanced our understanding of project management and team collaboration.

During my internship at Atos, I gained invaluable skills in software development, particularly in using Spring Boot and React to create web applications. Additionally, I improved my teamwork and communication skills by collaborating with my peers and mentors. The internship met my expectations, providing hands-on experience in a professional setting, although I hoped for more exposure to real-world projects. This experience will positively influence my future career plans by reinforcing my desire to work in software development. The internship activities closely correlated with my studies, especially the computer science courses, which equipped me with the foundational knowledge necessary for this role and to design both the back and frontend of a project.

In conclusion, my internship experience at Atos has been transformative and enriching, providing me with practical skills and knowledge that are essential for my future career in software development. I successfully applied theoretical concepts learned in college to real-world projects, gaining valuable insights into the workings of the IT services and consulting sector. Observing Atos's commitment to innovation and customer satisfaction highlighted the critical role that technology plays in enhancing

business operations. Additionally, I recognized the growing importance of digital transformation across industries, as companies increasingly rely on advanced solutions to remain competitive. This experience has solidified my career aspirations and equipped me with the confidence to navigate the ever-evolving tech landscape. I look forward to leveraging the skills and relationships developed during my time at Atos as I pursue future opportunities in the field.