

# CARLOS SERRANO GUTIÉRREZ



Software Engineer



## Links

-  [Github](#)
-  [Linkedn](#)
-  [My Web](#)

## Languages

-  Spanish (Native)
-  English (C1)

## Certificates

- 2024 Attendance Red Hat OpenShift Administration I: Operating a Production Cluster (DO180)
- 2022 Cambridge Advance Certificate CAE

## WORK EXPERIENCE

### Software Engineer I at Cabify

Jul 2025 – Today

- Part of the Middleware team, owner of the foundational services of the company.

### Cybersecurity Advisory Intern at PricewaterhouseCoopers

Jan 2025 – Jun 2025

- Design of Cybersecurity Master Plan.
- As-Is analysis mapping the organization's current security state to the NIST CSF.
- Development of initiatives to close the gap between As-Is and To-Be.
- Design of Cybersecurity Architecture in OT.

## EDUCATION

### Software Engineering, Complutense University of Madrid (Bachelor's Degree)

Madrid, Spain      Sept 2021 – May 2025

### Erasmus in Software Engineering, Algebra University (Bachelor and Master Level)

Zagreb, Croatia      Sept 2023 – Jul 2024

## SKILLS

- Critical thinking and innovation
- Communication and interpersonal skills
- Software design
- SCRUM methodology and iterative processes
- Responsibility and professional adherence
- Continuous improvement

## COMPETENCES

Programming Languages:    Golang, Java, Kotlin, C++, SQL, Python  
Frameworks:                    Spring Boot, Next.js  
Tools:                            OWASP ZAP, SonarLint  
Platforms:                        Docker, Kubernetes

## PERSONAL PROJECTS

- **Secure Insurance App**, a full-stack app (Spring Boot, JavaFX, React Native) with JWT auth and static analysis (OWASP ZAP, SonarLint).
- **LlamaChatBot**, a chatbot webapp (Next.js + Spring Boot) with OAuth2; integrates APIs for weather, currency, and more.
- **Vehicle Damage Detection**, a ML pipeline for semantic segmentation using custom CNNs and datasets from Roboflow.