

# Daniel Álvarez Gil

*Software Backend Engineer.*

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<https://danaes.github.io/>

<https://cutt.ly/6fCptFX>



## EXPERIENCE

**Backend Software Engineer.** Autentia

*11/2020 – Present*

*Madrid, Spain*

*Autentia is a company which transforms complex problems into solutions for the future, accompanying its clients in their most strategic projects, being a reference in efficiency and good practices.*

### Responsibilities

- Energy sector. Technical Analyst - Design and development of the company's delivery area. Guiding the internal team to follow good development practices (hexagonal architecture, DDD, TDD, patterns, events) to achieve reliable and maintainable systems over time (Oct 2022 - Present)
- Air sector. Technical leader - Design and development of the retail system for the company's indirect channel. Head of a squad of 5 people whose competence was to help the business team to achieve its objectives and guide the technical team to develop them (Apr 2021 - Sep 2022).
- Digital Banking. Developer - Development and implementation of server load tests to check server capacity when there was a high demand on the applications (Jan 2021 - Mar 2021).

**Embedded Systems Engineer.** Universidad Politécnica de Madrid.

*07/2020 – 10/2020*

*Madrid, Spain*

*Reference centre for Technical Computer Engineering in Spain.*

### Responsibilities

- Design, development and implementation of an Internet of Things architecture applied to a vegetable garden.
- Participation in the scientific paper, Fostering Environmental Awareness with Smart IoT Planters in Campuses.

<https://www.mdpi.com/1424-8220/20/8/2227>

**Intern Backend Software Engineer.** Autentia

*09/2019 – 01/2020*

*Madrid, Spain*

### Responsibilities

- Learning and implementation of an Api Rest using best practices.
- Development of new functionalities in internal company projects.
- Implementation of CI/CD tools (SonarQube, Jenkins and Nexus).

## EDUCATION

**Master Degree in Artificial Intelligence.**  
Universidad Internacional de Valencia

*10/2020 - 09/2021*

*Valencia, España*

**B. Sc. in Computer Engineering & Science.**  
Universidad Politécnica de Madrid

*09/2016 – 10/2020*

*Madrid, España*

**Technician in Multiplatform Applications Development.** I.E.S Juan de la Cierva

*10/2014 – 06/2016*

*Madrid, España*

## PERSONAL PROYECTS

**Healthy Smart Chatbot.** (04/2021 - 09/2021)

(TFM) Smart chatbot with NLP techniques and supervised learning to recommend diets based on the user's requirements.

**UAV governance system for people with motor limitations.**(05/2020 - 09/2020)

(TFG) Design and manufacturing of a PCB, integration of sensors and software development to carry out movements in a drone where the user may have some motor limitation.

## LANGUAGES

**Spanish**

Native

**English**

B2 Level