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. Senior consultant - Be present throughout the software lifecycle. 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 PROJECTS

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