

# Diego Linares Ortiz

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## SKILLS

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**Programming languages:** Java, Kotlin, PHP, Python, JavaScript, HTML, SASS.

**Frameworks and libraries:** Spring Boot, Laravel, NodeJS, ExpressJS.

**Web Development & APIs:** RESTful API design and development, JWT, HTTP, JSON, Swagger, Insomnia.

**Databases and ORM:** MySQL, JPA/Hibernate, MongoDB, Mongoose, Oracle DB, PostgreSQL.

**Development tools:** IntelliJ IDEA, Eclipse, VSCode, Git, Github.

**Other:** Design Patterns, SCRUM methodology, Gradle, Maven, Eureka, Parcel, Npm

**Languages:** Spanish (native), English (full professional level)

## WORK EXPERIENCE

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### Andalusian Regional Government

Cádiz, Spain

#### Computer Science Teacher

Sept. 2021 – June 2025

- Provided training in programming languages such as Java, Kotlin or PHP, frameworks such as Spring Boot and Laravel, web development with HTML, CSS (SASS) and JavaScript, SGBD as MySQL, PostgreSQL or MongoDB, and other technologies such as NodeJS, expressJS, mongoose, etc.
- Developed multiple various apps applying best coding practices, clean code and design patterns.
- Managed student groups and team projects, fostering collaborative learning.

### European Commission

Brussels, Belgium

#### Senior Java developer

May 2017 – May 2021

- Contributed to the design, development and maintenance of RESTful API components using Spring Boot.
- Implemented security measures with JWT and used Swagger to validate and document the API endpoints.
- Collaborated under the SCRUM framework to coordinate tasks across teams. In this project, we encouraged the use of good coding practices for maintainability.

#### XSLT Developer

- Developed and maintained XSLT templates for transforming and presenting XML data as a part of an app that generated PDF for the incoming XML data.
- Worked on an app that generated a PDF from the incoming XML data. Utilized SOAP as the communication protocol between services.

### Viewnext

Almería, Spain

#### Junior Java Developer | RedSys Project

Apr. 2016 – May 2017

- Worked as part of a development team responsible for maintaining and developing Spring-based web application components.
- Used SCRUM methodology throughout the project to maintain communication with different parts of the development team.
- Worked with JPA/Hibernate as the ORM for communication with an Oracle DB.

#### Junior Java Developer | ISBAN Project

Sept. 2015 – Apr. 2016

- Contributed to the migration of an application from 4GL to Java.
- Worked with an agile SCRUM methodology for project management, enabling continuous delivery and adaptability to changing requirements.

## EDUCATION

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### University of Granada

Sept. 2019- June 2020

- Master's degree in Teacher Training in Compulsory Secondary and Upper Secondary School Education, Vocational Training and Languages.
- Thesis: Flipped Classroom in Computing and Robotics

### University of Almería

Sept. 2007 – June 2011

- BS on Computer Engineering, Information Technology and Software Engineering

## PROJECTS

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### Personal Portfolio Website

- Astro.js, HTML, SASS, JavaScript
- Modular, reusable components in a clean Bento-style layout. Built with Astro.js for optimal performance and maintainability.

### REST API – Kotlin Backend

- Kotlin, Spring Boot, MySQL, GitHub Actions
- Session-based authentication, unit tested with JUnit, and CI/CD integrated via GitHub Actions. Follows REST principles and clean architecture.

### REST API – Java Backend

- Java, Spring Boot, MySQL, OAuth2 (JWT), GitHub Actions
- Secure API with OAuth2 JWT authentication, tested with JUnit, and CI/CD pipeline via GitHub Actions. Follows REST principles and clean architecture.

### REST API – Node.js Backend

- JavaScript, Express.js, MongoDB, Mongoose
- Session-based authentication and ODM architecture using Mongoose. Clean and modular codebase with RESTful design.

## LEADERSHIP AND ACTIVITIES

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### Andalusian Regional Government.

Cádiz, Spain

#### Class Tutor for the Higher Vocational Training Program

Sept. 2021 – June 2025

- Monitored students' academic progress and helped them set goals and overcome challenges.
- Acted as the main point of contact between students, teachers, and the administrative team.
- Organized internships, projects, or partnerships with local businesses to enhance practical training.

### Andalusian Regional Government.

Cádiz, Spain

#### Vocational Training Program Coordinator

Sept. 2024 – June 2025

- Monitored the quality of instruction and learning materials.
- Coordinated updates to the curriculum in response to educational reforms.

### Andalusian Regional Government.

Cádiz, Spain

#### Entrepreneurship Classroom Coordinator

Sept. 2023 – June 2024

- Promoted awareness of various forms of entrepreneurship among vocational students.
- Enhanced the entrepreneurship classroom, fostering creativity, teamwork, and innovation.
- Strengthened students' soft skills to improve self-confidence and job prospects.

### Spanish Red Cross

Almería, Spain

#### Volunteer

Summer seasons 2007, 2008 and 2009

- Assisted Red Cross personnel in providing first response support to individuals experiencing issues at the beach.
- Helped with daily tasks and logistics at the local headquarters, contributing to smooth operations during the high season.
- Developed strong interpersonal and communication skills working with diverse populations.

### Mediterranean Games Almería 2005

Almería, Spain

#### Volunteer

July 2005

- Assisted as a ball retriever during the football final
- Helped coordinate the entrance and exit of spectators, supporting the flow and safety of attendees.
- Participated in a major international sports event, gaining early experience in teamwork and event operations.

## INTERESTS

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- **Sports** enthusiast, with a strong passion for cycling and padel tennis; regularly participate in group rides and local matches to stay active and competitive.
- Fascinated by **software architecture** and **design patterns**, and enjoy exploring elegant, reusable solutions to complex programming problems.