ALEX GÓMEZ

Senior Software engineer

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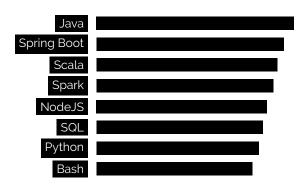
WHO AM I?

I am a Senior Software Engineer with over 7 years of experience. I consider myself a hard-working and curious person who views life as a continuous learning journey.

I am always eager to learn new things and share my knowledge with others.

My interests include software architecture, clean coding practices, people management, and test-driven development (TDD) among others.

Java ▬▬▬▬▬▬▬▬▬
Spring Boot ▬▬▬▬▬▬▬▬
Scala ▬▬▬▬▬▬▬
Spark ▬▬▬▬▬▬▬
NodeJS ▬▬▬▬▬▬
SQL ▬▬▬▬▬
Python ▬▬▬▬▬
Bash ▬▬▬▬

EXPERIENCE

2023 – Present

Senior Software engineer - Full remote   **Smadex**

I co-lead a team responsible for generating features for the Deep Neural Network algorithms of the platform. I make technical decisions regarding the architecture of the entire pipeline.

- Regularly participate in various meetings to make architectural decisions related to all pipeline components.

- Helped the company reduce costs in AWS cloud services through strategic decisions and developments.

- Improved the codebase by implementing refactorings that enhance code readability and accelerate the pace of changes.

- Regularly participate in code reviews to strengthen the reliability and maintainability of the codebase.

- Mentor junior employees and new team members.

- Contributed to the company's growth by adding valuable features to the algorithms.

- Engage in workshops, events, and initiatives aimed at sharing knowledge among team members.

```
Java 17/21 / Spring Boot 3.x / Scala / Spark / NodeJS / Python / Redis /
AWS / Docker / Git
```

2022 – 2023

Software engineer - Full remote   **Smadex**

I worked on different high-performing modules in the ad tech industry, helping to increase the company's growth against big competitors.

- Participated in different meetings to make architectural decisions.

- Lead different features' development to improve the product following clean code practices.

- Migrated the database migration tool to help the team make easier and faster database changes.

- Worked on a project to apply a Deep Neural Network model to improve the decision-making of the platform.

- Participated constantly in code reviews to make the codebase more reliable and maintainable.

- Mentored junior employees and new joiners.

```
NodeJS / Java / Spring Framework / Python / Bash / AWS / Docker / Git
```

2019 – 2022	**Software engineer - Full remote**	Yapiko Software House S.L.

I worked on a sports betting solutions international project following Agile methodologies in a multicultural and international environment.

- Worked on the migration from Java 8 to Java 11.
- Refactored many code pieces to improve the maintainability and readability of the codebase.
- Fixed different types of bugs to enhance the performance and correctness of the system.
- Created several Spring Boot modules to meet new customers' requirements.
- Applied TDD and added new unit and integration tests to make the system more reliable.

```
Java / Spring Framework / SQL / JUnit / Javascript / Linux / Git
```

2018 – 2019	**Solutions Assistant**	everis

I worked on multiple projects for the Madrid Government.

- Automated manual tasks reducing the time implied by more than 50%.
- Improved the performance of different batch processes, increasing its performance a 30%.
- Created new REST/SOAP services.
- Analyzed the development of new features with the Team Leader and customers.

```
Java / Spring Framework / SQL / Javascript / Linux / SVN
```

2017 – 2018 Part time	**Trainee**	everis

I worked on a project for the Madrid Government giving support and developing new features.

- Corrected multiple errors related to previous versions of the application.
- Improved the usability of the application to avoid manual errors of the users.
- Developed new features to adjust the application to new changes in the law.

```
Java / Spring Framework / SQL / Javascript / Linux / SVN
```

EDUCATION

2014 – 2018	**Software engineering degree**	Rey Juan Carlos University

LANGUAGES

Spanish - Native
English - Advanced

CERTIFICATIONS

AWS Certified Developer Associate

AWARDS

Best academic record in Software engineering degree